

February 14, 2023

VIA EMAIL

Ms. Lisa Graczyk
U.S. Environmental Protection Agency
77 West Jackson Blvd.
Chicago, IL 60604

**RE: Quarterly Monitoring Report
January 2023 Sampling Event
CECOS International, Inc.
Aber Road Facility, Williamsburg, Ohio
EPA I.D. # OHD-087-433-744**

Dear Ms. Graczyk:

Please find the attached Quarterly Monitoring Report for the January 2023 sampling event completed at CECOS International, Inc.'s (CECOS) Aber Road facility. The report was prepared by Eagon & Associates, Inc. on behalf of CECOS and contains a discussion of the January 2023 sampling results for Toxic Substances Control Act (TSCA) parameters collected from the surface water points, leak detectors, and underdrains. There was one suspect, very low-level detection of 1,2-dibromoethane (EDB) during the event in leak detector sample LD-1 located outside the slurry wall. Based on recent one-time detections of EDB at other locations and conversations with the laboratory, these EDB detections are believed to be false positives due to matrix interference effects and will continue to be investigated during the next routine quarterly monitoring event scheduled for April 2023.

Hardcopies of any items in the report are available upon request. Please contact me at (513) 724-6114 if you have any questions regarding this correspondence.

Sincerely,
CECOS International, Inc.



Butch Bradburn
Environmental Manager

Attachment

cc:
Michael Beedle, US EPA Region 5
Randy Kirkland, Ohio EPA SWDO
Hannah Lubbers, Director – OEQ, Clermont County
Joe Montello, Republic Services, Inc.
Michael Gibson, Eagon & Associates, Inc.
File: B.1

QUARTERLY MONITORING REPORT

JANUARY 2023 SAMPLING EVENT

Prepared for:

CECOS International, Inc.
Aber Road Facility
Williamsburg, Ohio

EPA I.D. OHD 087 433 744

Prepared by:



February 2023

Eagon & Associates, Inc.
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Appendix A. Laboratory Analytical Report, Field Information Forms, and Chain-of-Custody Records – January 2023 Quarterly Monitoring Event

1.0 INTRODUCTION

On behalf of the CECOS International, Inc. Aber Road Facility, Eagon & Associates, Inc. (Eagon) has prepared this Quarterly Monitoring Report for the January 2023 surface water, leak detector, and underdrain sampling results. Samples for the Site's US EPA Toxic Substances Control Act (TSCA) parameters were collected by Eagon and laboratory analyses were performed by Eurofins Buffalo of Amherst, New York. The January 2023 quarterly monitoring sampling event was performed January 9-11, 2023. The event included sampling of the designated leak detectors, underdrains, and surface water monitoring locations at the facility.

TSCA monitoring requirements were established with US EPA's July 31, 1981 approval to dispose polychlorinated biphenyls (PCBs) in planned Secure Chemical Management Facilities (SCMFs) 6 through 17 (SCMFs 11 through 17 were never constructed) and, after negotiated revisions, were originally outlined in the March 13, 1984 document entitled "TSCA Monitoring Program." The original TSCA monitoring approach included monitoring of the leak detectors, underdrains and surface water (LD/UD/SW), as well as a site-wide TSCA-specific groundwater monitoring component that focused on both the pre-RCRA units and the RCRA regulated units at the Site. The LD/UD/SW component continues within that framework on a quarterly basis and the results for the most recent monitoring event are presented in this report.

With the later development of tailored, regulatory-program specific groundwater monitoring programs for the pre-RCRA and RCRA areas, the site-wide TSCA groundwater monitoring component was transitioned to and captured within those programs. The RCRA Detection Monitoring Program (DMP) for groundwater was originally proposed in 1989, was fully implemented by 1994, and applies to the RCRA regulated units located outside of the Corrective Measures Implementation (CMI) slurry wall. The current groundwater DMP is specified in the Detection Monitoring Plan which is part of the August 2022 RCRA Post-Closure Plan. The CMI post-construction groundwater monitoring program applies to the pre-RCRA areas and SCMFs 3 and 4/5 and was implemented in 1998 according to the monitoring approach outlined in the August 1996 Quality Assurance Project Plan and the March 1998 and November 1998 revisions to the CMI O&M Manual. The DMP is managed by Ohio EPA, whereas the facility's CMI program is

managed by US EPA. The DMP and CMI groundwater monitoring programs fulfill the facility's TSCA groundwater monitoring obligations via the sampling and analysis for PCBs and total organic carbon (TOC), in addition to volatile organic compounds (VOCs) specific to the DMP and CMI programs. All groundwater monitoring results collected semiannually as part of the DMP and CMI programs are reported separately to Ohio EPA and US EPA's RCRA division and are not presented herein.

2.0 SURFACE WATER SAMPLING

Pleasant Run Creek is west of the Site and generally flows south, then bears southeastward downstream toward its confluence with the East Fork of the Little Miami River located approximately two miles from the Aber Road facility. The East Branch of Pleasant Run Creek is south and east of the Site and flows southwest toward its confluence with Pleasant Run Creek at the southwestern corner of the Site (Figure 1). Surface water samples are collected on a quarterly basis at five designated sampling stations: C-2, C-6, C-9, C-10, and C-12. Locations C-2, C-6, C-9, and C-10 are located on Pleasant Run Creek (Figure 1). Location C-12 is on the East Branch of Pleasant Run Creek slightly upstream of the confluence. C-9 is the upstream/background location. C-6 is downstream of the confluence and the most downstream surface-water monitoring point.

To collect the surface water samples, the samplers position themselves downstream from each stream sample station in as near to the middle of the stream channel as possible. Pre-cleaned sample containers are then partially inverted and slowly submerged into the water. The container is then slowly rotated upright until filled and is then removed from the stream and capped. This procedure is continued until all containers are filled. Stream locations are sampled from downstream to upstream to prevent potential impacts on sample integrity or representativeness that could result from entering the stream upstream of a sampling point (e.g., by suspending sediment). If there is no discernible stream flow at the respective sample location, samples are not collected.

All five stream monitoring locations were flowing during the January 2023 event and were sampled for VOCs, PCBs, and TOC.

3.0 LEAK DETECTOR SAMPLING

Leak detection systems are installed between the primary and secondary liners of SCMFs 9 and 10. These systems provide additional means to aid in the detection of contaminants in the event there is a release through the primary liner from these regulated units. Liquid within the leak detectors is collected by pumping from the riser pipes connected to the leak detection systems. The riser pipes provide access to the hydraulically interconnected components of the leak detection systems for a given cell and are identified as LD-1 and LD-2 for SCMF 9, and LD-3 and LD-4 for SCMF 10 (Figure 1).

Each leak detector riser is evacuated with a dedicated electric submersible pump. The leak detectors are purged dry or until approximately 200 gallons of water have been purged, whichever occurs first. Purge water is contained and transferred to the Site's leachate collection system. Samples are collected immediately following purging unless the location purges dry. In that case, sufficient time is allowed for recovery and the sample is then collected; typically, during the same day and no more than 24 hours after purging is completed.

The leak detectors were sampled for VOCs, PCBs, and TOC during the January 2023 quarterly monitoring event.

4.0 UNDERDRAIN SAMPLING

SCMFs 3 through 10 were constructed with underdrain dewatering systems that were operated to facilitate construction of the units. The underdrains lie below the liner systems and are in contact with natural geologic materials. The underdrains are now sampled as part of the quarterly monitoring program for the facility. The design and construction details vary between each SCMF and are documented in Section 1.2 of the RCRA Facility Closure Plan. Underdrain riser locations are shown on Figure 1 herein.

Underdrains are evacuated in a manner similar to the leak detectors using dedicated electric submersible pumps. Each underdrain is purged until approximately 200 gallons of water have

been evacuated. Purge water is contained and transferred to the Site's leachate collection system. Underdrain samples are collected immediately following purging.

The underdrains were sampled for VOCs, TOC, and PCBs during the January 2023 quarterly monitoring event. Underdrain U-9 is permanently inoperable and was not sampled during the event. U-9 is located beneath SCMF 4/5, within the Corrective Measures Implementation (CMI) area slurry wall (Figure 1). Underdrains U-10, U-11, and U-12 are also located beneath SCMF 4/5 and continue to be sampled on a quarterly basis.

5.0 ANALYTICAL RESULTS

There were no quantified detections of VOCs in the surface water samples. In addition, there were no quantified detections of VOCs in samples from the leak detectors or underdrains located outside of the CMI area during the January 2023 event, with the exception of an anomalous, low-level detection of 1,2-dibromoethane (syn. ethylene dibromide or EDB) reported for leak detector location LD-1 (0.012 ug/L). The EDB detection at LD-1 was just above the quantitation limit of 0.011 ug/L. Occasional low-level detections of EDB have been reported for several different underdrain and leak detectors beginning in 2021 and have never been detected at the same location during consecutive sampling events. Based on feedback from the laboratory, analytical method limitations and matrix interference effects are the suspected cause of the recent detections. As presented in the November 2022 report for the October 2022 sampling event, EDB was reported for underdrain U-22A (0.16 ug/L) in October. The January 2023 result for EDB at U-22A was nondetect; therefore, the October 2022 detection was not confirmed, which is typical for the recent low-level EDB detections. The April 2023 results for LD-1 will be reviewed in a similar manner relative to the reported detection in January. It is noted that the recently reported low-level detections for EDB have all been substantially below the federal maximum contaminant level (MCL) of 0.05 ug/L.

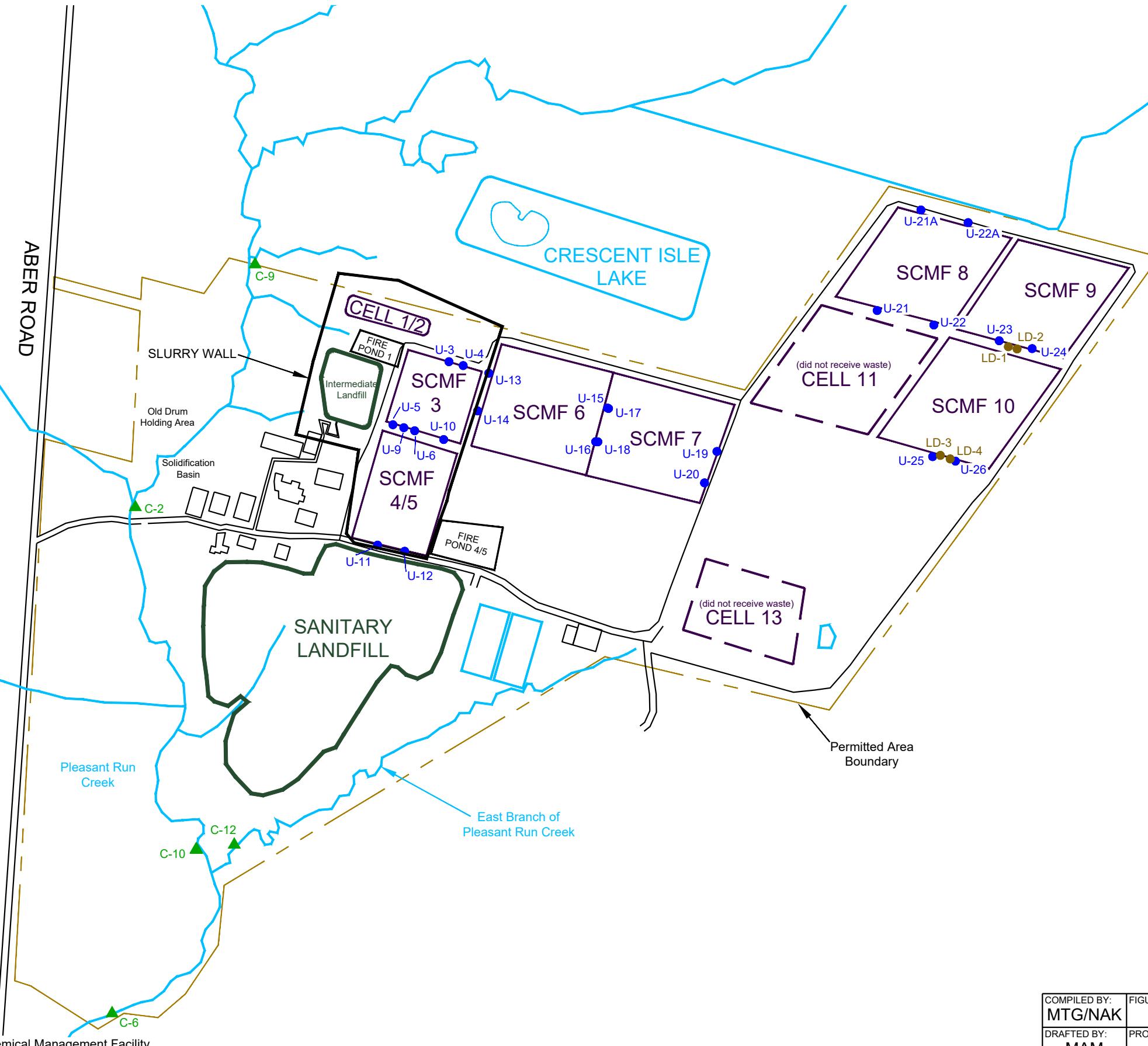
VOC detections in the January 2023 underdrain samples are summarized in Table 1. Underdrains U-3, U-4, U-5, U-6, and U-12, which are located beneath units contained within the slurry wall, exhibited quantified VOC detections of constituents that are commonly detected at

those locations. Concentrations of those VOCs observed during the event were within the range of concentrations observed during previous monitoring events.

There were no detections of PCBs in any of the surface water, leak detector or underdrain samples collected during the event, which is consistent with past events.

The analytical results from the January 2023 quarterly monitoring event, including field information logs and chain-of-custody records, are presented herein in Appendix A.

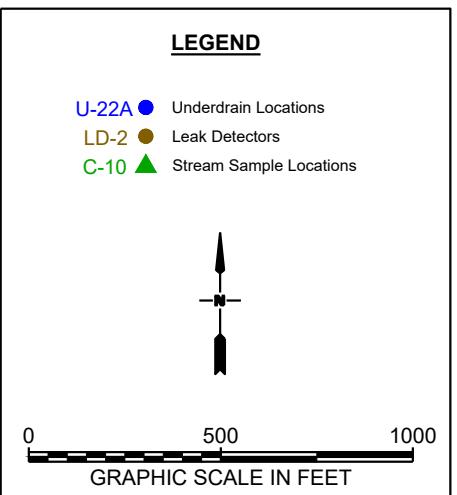
FIGURES



Note: SCMF = Secure Chemical Management Facility

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MODIFIED FROM BASEMAP PROVIDED BY:
HERST & ASSOCIATES, INC.



COMPILED BY: MTG/NAK	FIGURE TITLE: SURFACE WATER, LEAK DETECTOR, AND UNDERDRAIN SAMPLE LOCATIONS
DRAFTED BY: MAM	PROJECT TITLE: ABER ROAD FACILITY, WILLIAMSBURG, OHIO
CHECKED BY: MTG	PREPARED BY:
APPROVED BY: MTG	
DATE: 08/17/18	FIGURE NUMBER: EAGON & ASSOCIATES, INC. 1

TABLES

TABLE 1.
VOC DETECTIONS IN UNDERDRAINS
JANUARY 2023 QUARTERLY MONITORING EVENT
CECOS INTERNATIONAL, INC. - ABER ROAD FACILITY

Location	Detected Constituent ²	Concentration (ug/L)
U-3 ¹	1,1-Dichloroethane	23
	1,2-Dichloroethene (Total)	14
	Vinyl Chloride	1.5
DUP TSCA #3 (U-3)	1,1-Dichloroethane	22
	1,2-Dichloroethene (Total)	13
	Vinyl Chloride	1.4
U-4 ¹	1,1-Dichloroethane	6.8
	1,2-Dichloroethene (Total)	19
	Vinyl Chloride	4.1
U-5 ¹	1,1-Dichloroethane	6.7
	1,2-Dichloroethene (Total)	27
	Vinyl Chloride	2.8
U-6 ¹	1,1-Dichloroethane	19
	1,2-Dichloroethene (Total)	12
U-12 ¹	1,2-Dichloroethene (Total)	12
	Vinyl Chloride	1.5

Notes:

¹ Underdrain located beneath units contained within the CMI area slurry wall

² Constituents reported by the laboratory as estimated concentrations ("J") below the practical quantitation limit are not shown, if applicable

APPENDIX A.

**LABORATORY ANALYTICAL REPORT, FIELD
INFORMATION FORMS, AND
CHAIN-OF-CUSTODY RECORDS
JANUARY 2023 QUARTERLY MONITORING EVENT**

ANALYTICAL REPORT

PREPARED FOR

Attn: Butch Bradburn
Republic Services Inc
5092 Aber Road
Williamsburg, Ohio 45176

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JOB DESCRIPTION

Aber Rd. Landfill - TSCA Quarterly

JOB NUMBER

480-205393-1

Eurofins Buffalo

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing Northeast, LLC Buffalo and its client. All questions regarding this report should be directed to the Eurofins Environment Testing Northeast, LLC Buffalo Project Manager or designee who has signed this report.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



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Authorized for release by
Brian Fischer, Manager of Project Management
Brian.Fischer@et.eurofinsus.com
(716)504-9835

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Definitions/Glossary

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation

□	These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Job ID: 480-205393-1

Laboratory: Eurofins Buffalo

Narrative

**Job Narrative
480-205393-1**

Comments

No additional comments.

Receipt

The samples were received on 1/11/2023 10:00 AM and 1/12/2023 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 10 coolers at receipt time were 1.9° C, 1.9° C, 2.4° C, 2.4° C, 2.4° C, 2.6° C, 2.6° C, 3.3° C, 3.6° C and 4.8° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-655747 recovered above the upper control limit for 1,2-Dichloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-22A (480-205394-1), U-21A (480-205394-2), U-21 (480-205394-3), U-22 (480-205394-4), U-23 (480-205394-5) and U-24 (480-205394-6).

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: U-22 (480-205394-4). pH is 7.

Method 8260C: Surrogate recovery for the following samples were outside the upper control limit: U-21A (480-205394-2), U-22 (480-205394-4), U-23 (480-205394-5) and U-24 (480-205394-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 480-655747 recovered outside control limits for the following analytes: trans-1,4-Dichloro-2-butene.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed within the 7-day holding time specified for unpreserved samples: LD-2 (480-205393-2), LD-4 (480-205393-4) and U-26 (480-205394-17). pH is 7.

Method 8260C: Surrogate recovery for the following samples were outside the upper control limit: LD-4 (480-205393-4) and U-20 (480-205394-9). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-655948 recovered above the upper control limit for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Vinyl chloride, Vinyl acetate, Pentachloroethane, Methyl methacrylate, 2-Chloro-1,3-butadiene, and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-17 (480-205432-1), U-10 (480-205432-5), DUP TSCA 2 (480-205432-6), U-13 (480-205432-7), U-16 (480-205432-8), U-18 (480-205432-9), U-15 (480-205432-10), FIELD BLANK TSCA (480-205432-11) and U-6 (480-205432-13).

Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone, Methacrylonitrile with Tetrahydrofuran and 2-Chloro-1,3-butadiene with Vinyl acetate in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 480-655948. The following samples are impacted: U-17 (480-205432-1), U-4 (480-205432-2), U-3 (480-205432-3), DUP TSCA 3 (480-205432-4), U-10 (480-205432-5), DUP TSCA 2 (480-205432-6), U-13 (480-205432-7), U-16 (480-205432-8), U-18 (480-205432-9), U-15 (480-205432-10), FIELD BLANK TSCA (480-205432-11), U-5 (480-205432-12) and U-6 (480-205432-13).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-655948 was outside the method criteria for the following analyte(s): Vinyl chloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-655948 recovered above the upper control limit for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Vinyl acetate, Pentachloroethane, Methyl methacrylate,

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Job ID: 480-205393-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

2-Chloro-1,3-butadiene, and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: U-4 (480-205432-2), U-3 (480-205432-3), DUP TSCA 3 (480-205432-4) and U-5 (480-205432-12).

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-656032 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-656032 was outside control limits.

Method 8260C: Surrogate recovery for the following sample was outside the upper control limit: C-2 (480-205433-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260C: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: LD-1 (480-205393-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method 8082A: Surrogate recovery for the following sample was outside control limits: U-22A (480-205394-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

Method 9060A: The reference method requires samples to be preserved to a pH of below 2. The following samples were received with insufficient preservation at a pH of above 2: LD-1 (480-205393-1), LD-2 (480-205393-2), (480-205393-I-1 MS) and (480-205394-I-11 MS). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 9060A: The reference method requires samples to be preserved to a pH of below 2. The following samples were received with insufficient preservation at a pH of above 2: U-18 (480-205432-9) and (480-205432-I-9 DU). The sample(s) was preserved to the appropriate pH in the laboratory.

Method 9060A: The following samples were analyzed in duplicate: LD-1 (480-205393-1) and LD-2 (480-205393-2). The RPD between the two replicates was > 10%. Re-analysis was performed with RPD >10%.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

Method 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 480-656039.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-1

Date Collected: 01/09/23 14:51

Lab Sample ID: 480-205393-1

Date Received: 01/11/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 10:47	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 10:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 10:47	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 10:47	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/16/23 10:47	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 10:47	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 10:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 10:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 10:47	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 10:47	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 10:47	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/16/23 10:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 10:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 10:47	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 10:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 10:47	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 10:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 10:47	1
Acetone	ND		10	3.0	ug/L			01/16/23 10:47	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 10:47	1
Acrolein	ND		20	0.91	ug/L			01/16/23 10:47	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 10:47	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 10:47	1
Benzene	0.41 J		2.0	0.41	ug/L			01/16/23 10:47	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 10:47	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 10:47	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 10:47	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 10:47	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 10:47	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 10:47	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 10:47	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 10:47	1
Chloromethane	ND		2.0	0.35	ug/L			01/16/23 10:47	1
Chloroprene	ND		1.0	0.49	ug/L			01/16/23 10:47	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/16/23 10:47	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/16/23 10:47	1
Dibromomethane	ND		2.0	0.41	ug/L			01/16/23 10:47	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/16/23 10:47	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/16/23 10:47	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/16/23 10:47	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/16/23 10:47	1
Iodomethane	ND		2.0	0.30	ug/L			01/16/23 10:47	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/16/23 10:47	1
Methacrylonitrile	ND		10	0.69	ug/L			01/16/23 10:47	1
Methyl methacrylate	ND		10	0.61	ug/L			01/16/23 10:47	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/16/23 10:47	1
Naphthalene	ND		1.0	0.43	ug/L			01/16/23 10:47	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/16/23 10:47	1
Propionitrile	ND		50	5.8	ug/L			01/16/23 10:47	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-1

Lab Sample ID: 480-205393-1

Matrix: Water

Date Collected: 01/09/23 14:51

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/16/23 10:47	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/16/23 10:47	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/16/23 10:47	1
Toluene	ND		2.0	0.51	ug/L			01/16/23 10:47	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/16/23 10:47	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/16/23 10:47	1
Trichloroethene	ND		2.0	0.46	ug/L			01/16/23 10:47	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/16/23 10:47	1
Vinyl acetate	ND		10	0.85	ug/L			01/16/23 10:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/23 10:47	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/16/23 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		77 - 120		01/16/23 10:47	1
4-Bromofluorobenzene (Surr)	109		73 - 120		01/16/23 10:47	1
Toluene-d8 (Surr)	101		80 - 120		01/16/23 10:47	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	0.012		0.011	0.0077	ug/L		01/22/23 12:59	01/22/23 17:30	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 12:59	01/22/23 17:30	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 06:38	1
PCB-1221	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 06:38	1
PCB-1232	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 06:38	1
PCB-1242	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 06:38	1
PCB-1248	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 06:38	1
PCB-1254	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 06:38	1
PCB-1260	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 06:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	87		19 - 120	01/16/23 08:27	01/19/23 06:38	1
Tetrachloro-m-xylene	103		39 - 121	01/16/23 08:27	01/19/23 06:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	21.7		1.0	0.43	mg/L			01/31/23 17:34	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.33			SU				01/09/23 14:51	1
Field Conductivity	2610			umhos/cm				01/09/23 14:51	1
Field Temperature	14.9			Degrees C				01/09/23 14:51	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-2

Date Collected: 01/09/23 15:00

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205393-2

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 12:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 12:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 12:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 12:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 12:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 12:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 12:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 12:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 12:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 12:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 12:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 12:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 12:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 12:55	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 12:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 12:55	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 12:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 12:55	1
Acetone	ND		10	3.0	ug/L			01/13/23 12:55	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 12:55	1
Acrolein	ND		20	0.91	ug/L			01/13/23 12:55	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 12:55	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 12:55	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 12:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 12:55	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 12:55	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 12:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 12:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 12:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 12:55	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 12:55	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 12:55	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 12:55	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 12:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 12:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 12:55	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 12:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 12:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 12:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 12:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 12:55	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 12:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 12:55	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 12:55	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 12:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 12:55	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 12:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 12:55	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 12:55	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-2

Date Collected: 01/09/23 15:00

Lab Sample ID: 480-205393-2

Date Received: 01/11/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 12:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 12:55	1
Tetrahydrofuran	1.4	J	5.0	1.3	ug/L			01/13/23 12:55	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 12:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 12:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 12:55	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 12:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 12:55	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 12:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 12:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		77 - 120					01/13/23 12:55	1
4-Bromofluorobenzene (Surr)	104		73 - 120					01/13/23 12:55	1
Toluene-d8 (Surr)	100		80 - 120					01/13/23 12:55	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70		19 - 120					01/16/23 08:27	1
Tetrachloro-m-xylene	80		39 - 121					01/16/23 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	20.1		1.0	0.43	mg/L			01/31/23 18:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.45			SU				01/09/23 15:00	1
Field Conductivity	1774			umhos/cm				01/09/23 15:00	1
Field Temperature	14.1			Degrees C				01/09/23 15:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-3

Lab Sample ID: 480-205393-3

Date Collected: 01/09/23 17:15

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 13:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 13:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 13:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 13:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 13:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 13:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 13:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 13:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 13:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 13:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 13:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 13:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 13:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 13:19	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 13:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 13:19	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 13:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 13:19	1
Acetone	ND		10	3.0	ug/L			01/13/23 13:19	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 13:19	1
Acrolein	ND		20	0.91	ug/L			01/13/23 13:19	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 13:19	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 13:19	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 13:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 13:19	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 13:19	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 13:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 13:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 13:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 13:19	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 13:19	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 13:19	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 13:19	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 13:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 13:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 13:19	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 13:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 13:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 13:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 13:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 13:19	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 13:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 13:19	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 13:19	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 13:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 13:19	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 13:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 13:19	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 13:19	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-3

Lab Sample ID: 480-205393-3

Matrix: Water

Date Collected: 01/09/23 17:15

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 13:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 13:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 13:19	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 13:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 13:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 13:19	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 13:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 13:19	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 13:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 13:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 13:19	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		120		77 - 120				01/13/23 13:19	1
4-Bromofluorobenzene (Surr)		109		73 - 120				01/13/23 13:19	1
Toluene-d8 (Surr)		102		80 - 120				01/13/23 13:19	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		01/22/23 12:59	01/22/23 18:10	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 12:59	01/22/23 18:10	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:05	1
PCB-1221	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:05	1
PCB-1232	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:05	1
PCB-1242	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:05	1
PCB-1248	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:05	1
PCB-1254	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 07:05	1
PCB-1260	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 07:05	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		78		19 - 120				01/16/23 08:27	01/19/23 07:05
Tetrachloro-m-xylene		99		39 - 121				01/16/23 08:27	01/19/23 07:05

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.3		1.0	0.43	mg/L			01/27/23 22:46	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.79				SU			01/09/23 17:15	1
Field Conductivity	1719				umhos/cm			01/09/23 17:15	1
Field Temperature	14.4				Degrees C			01/09/23 17:15	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-4

Lab Sample ID: 480-205393-4

Date Collected: 01/09/23 16:35

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 13:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 13:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 13:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 13:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 13:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 13:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 13:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 13:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 13:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 13:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 13:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 13:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 13:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 13:44	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 13:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 13:44	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 13:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 13:44	1
Acetone	ND		10	3.0	ug/L			01/13/23 13:44	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 13:44	1
Acrolein	ND		20	0.91	ug/L			01/13/23 13:44	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 13:44	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 13:44	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 13:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 13:44	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 13:44	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 13:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 13:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 13:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 13:44	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 13:44	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 13:44	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 13:44	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 13:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 13:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 13:44	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 13:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 13:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 13:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 13:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 13:44	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 13:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 13:44	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 13:44	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 13:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 13:44	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 13:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 13:44	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 13:44	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: LD-4

Lab Sample ID: 480-205393-4

Matrix: Water

Date Collected: 01/09/23 16:35

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 13:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 13:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 13:44	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 13:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 13:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 13:44	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 13:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 13:44	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 13:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 13:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 13:44	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	123	S1+		77 - 120				01/13/23 13:44	1
4-Bromofluorobenzene (Surr)	102			73 - 120				01/13/23 13:44	1
Toluene-d8 (Surr)	100			80 - 120				01/13/23 13:44	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 12:59	01/22/23 18:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 12:59	01/22/23 18:29	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:18	1
PCB-1221	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:18	1
PCB-1232	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:18	1
PCB-1242	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:18	1
PCB-1248	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:18	1
PCB-1254	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 07:18	1
PCB-1260	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 07:18	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76			19 - 120			01/16/23 08:27	01/19/23 07:18	1
Tetrachloro-m-xylene	100			39 - 121			01/16/23 08:27	01/19/23 07:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.3		1.0	0.43	mg/L			01/27/23 23:15	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.77				SU			01/09/23 16:35	1
Field Conductivity	1630				umhos/cm			01/09/23 16:35	1
Field Temperature	14.4				Degrees C			01/09/23 16:35	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22A

Lab Sample ID: 480-205394-1

Date Collected: 01/09/23 10:18

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/23 18:30	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/23 18:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/23 18:30	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/23 18:30	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/23 18:30	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/23 18:30	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/23 18:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/23 18:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/23 18:30	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/23 18:30	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/23 18:30	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/23 18:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/23 18:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/23 18:30	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/23 18:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/23 18:30	1
2-Hexanone	ND		10	1.2	ug/L			01/12/23 18:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/23 18:30	1
Acetone	ND		10	3.0	ug/L			01/12/23 18:30	1
Acetonitrile	ND		170	4.9	ug/L			01/12/23 18:30	1
Acrolein	ND		20	0.91	ug/L			01/12/23 18:30	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/23 18:30	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/23 18:30	1
Benzene	ND		2.0	0.41	ug/L			01/12/23 18:30	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/23 18:30	1
Bromoform	ND		2.0	0.26	ug/L			01/12/23 18:30	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/23 18:30	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/23 18:30	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/23 18:30	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/23 18:30	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/23 18:30	1
Chloroform	ND		2.0	0.34	ug/L			01/12/23 18:30	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/23 18:30	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/23 18:30	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/23 18:30	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/23 18:30	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/23 18:30	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/23 18:30	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/23 18:30	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/23 18:30	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/23 18:30	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/23 18:30	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/23 18:30	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/23 18:30	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/23 18:30	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/23 18:30	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/23 18:30	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/23 18:30	1
Propionitrile	ND		50	5.8	ug/L			01/12/23 18:30	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-22A

Date Collected: 01/09/23 10:18

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-1

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/23 18:30	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/23 18:30	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/23 18:30	1
Toluene	ND		2.0	0.51	ug/L			01/12/23 18:30	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/23 18:30	1
trans-1,4-Dichloro-2-butene	ND *1		5.0	0.22	ug/L			01/12/23 18:30	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/23 18:30	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/23 18:30	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/23 18:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/23 18:30	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/23 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	120		77 - 120		01/12/23 18:30	1
4-Bromofluorobenzene (Surr)	111		73 - 120		01/12/23 18:30	1
Toluene-d8 (Surr)	103		80 - 120		01/12/23 18:30	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	104		19 - 120		01/16/23 08:27	1
Tetrachloro-m-xylene	128	S1+	39 - 121		01/16/23 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.4		1.0	0.43	mg/L			01/28/23 01:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.85				SU			01/09/23 10:18	1
Field Conductivity	2120				umhos/cm			01/09/23 10:18	1
Field Temperature	13.6				Degrees C			01/09/23 10:18	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21A

Lab Sample ID: 480-205394-2

Date Collected: 01/09/23 10:46

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/23 18:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/23 18:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/23 18:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/23 18:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/23 18:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/23 18:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/23 18:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/23 18:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/23 18:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/23 18:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/23 18:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/23 18:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/23 18:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/23 18:55	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/23 18:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/23 18:55	1
2-Hexanone	ND		10	1.2	ug/L			01/12/23 18:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/23 18:55	1
Acetone	ND		10	3.0	ug/L			01/12/23 18:55	1
Acetonitrile	ND		170	4.9	ug/L			01/12/23 18:55	1
Acrolein	ND		20	0.91	ug/L			01/12/23 18:55	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/23 18:55	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/23 18:55	1
Benzene	ND		2.0	0.41	ug/L			01/12/23 18:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/23 18:55	1
Bromoform	ND		2.0	0.26	ug/L			01/12/23 18:55	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/23 18:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/23 18:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/23 18:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/23 18:55	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/23 18:55	1
Chloroform	ND		2.0	0.34	ug/L			01/12/23 18:55	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/23 18:55	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/23 18:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/23 18:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/23 18:55	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/23 18:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/23 18:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/23 18:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/23 18:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/23 18:55	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/23 18:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/23 18:55	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/23 18:55	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/23 18:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/23 18:55	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/23 18:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/23 18:55	1
Propionitrile	ND		50	5.8	ug/L			01/12/23 18:55	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21A

Lab Sample ID: 480-205394-2

Matrix: Water

Date Collected: 01/09/23 10:46

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/23 18:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/23 18:55	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/23 18:55	1
Toluene	ND		2.0	0.51	ug/L			01/12/23 18:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/23 18:55	1
trans-1,4-Dichloro-2-butene	ND *1		5.0	0.22	ug/L			01/12/23 18:55	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/23 18:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/23 18:55	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/23 18:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/23 18:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/23 18:55	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121	S1+		77 - 120				01/12/23 18:55	1
4-Bromofluorobenzene (Surr)	104			73 - 120				01/12/23 18:55	1
Toluene-d8 (Surr)	100			80 - 120				01/12/23 18:55	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76			19 - 120				01/16/23 08:27	1
Tetrachloro-m-xylene	83			39 - 121				01/16/23 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.7		1.0	0.43	mg/L			01/28/23 02:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.30				SU			01/09/23 10:46	1
Field Conductivity	1080				umhos/cm			01/09/23 10:46	1
Field Temperature	13.8				Degrees C			01/09/23 10:46	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Lab Sample ID: 480-205394-3

Date Collected: 01/09/23 11:51

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/23 19:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/23 19:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/23 19:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/23 19:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/23 19:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/23 19:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/23 19:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/23 19:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/23 19:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/23 19:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/23 19:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/23 19:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/23 19:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/23 19:19	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/23 19:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/23 19:19	1
2-Hexanone	ND		10	1.2	ug/L			01/12/23 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/23 19:19	1
Acetone	ND		10	3.0	ug/L			01/12/23 19:19	1
Acetonitrile	ND		170	4.9	ug/L			01/12/23 19:19	1
Acrolein	ND		20	0.91	ug/L			01/12/23 19:19	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/23 19:19	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/23 19:19	1
Benzene	ND		2.0	0.41	ug/L			01/12/23 19:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/23 19:19	1
Bromoform	ND		2.0	0.26	ug/L			01/12/23 19:19	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/23 19:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/23 19:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/23 19:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/23 19:19	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/23 19:19	1
Chloroform	ND		2.0	0.34	ug/L			01/12/23 19:19	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/23 19:19	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/23 19:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/23 19:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/23 19:19	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/23 19:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/23 19:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/23 19:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/23 19:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/23 19:19	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/23 19:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/23 19:19	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/23 19:19	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/23 19:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/23 19:19	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/23 19:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/23 19:19	1
Propionitrile	ND		50	5.8	ug/L			01/12/23 19:19	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-21

Lab Sample ID: 480-205394-3

Date Collected: 01/09/23 11:51

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/23 19:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/23 19:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/23 19:19	1
Toluene	ND		2.0	0.51	ug/L			01/12/23 19:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/23 19:19	1
trans-1,4-Dichloro-2-butene	ND *1		5.0	0.22	ug/L			01/12/23 19:19	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/23 19:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/23 19:19	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/23 19:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/23 19:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/23 19:19	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		120		77 - 120				01/12/23 19:19	1
4-Bromofluorobenzene (Surr)		109		73 - 120				01/12/23 19:19	1
Toluene-d8 (Surr)		103		80 - 120				01/12/23 19:19	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		01/22/23 12:59	01/22/23 19:48	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0059	ug/L		01/22/23 12:59	01/22/23 19:48	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:58	1
PCB-1221	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:58	1
PCB-1232	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:58	1
PCB-1242	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:58	1
PCB-1248	ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 07:58	1
PCB-1254	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 07:58	1
PCB-1260	ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 07:58	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		94		19 - 120			01/16/23 08:27	01/19/23 07:58	1
Tetrachloro-m-xylene		90		39 - 121			01/16/23 08:27	01/19/23 07:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.3		1.0	0.43	mg/L			01/28/23 02:36	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.28				SU			01/09/23 11:51	1
Field Conductivity	1028				umhos/cm			01/09/23 11:51	1
Field Temperature	13.8				Degrees C			01/09/23 11:51	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22

Lab Sample ID: 480-205394-4

Date Collected: 01/09/23 12:18

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/23 19:43	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/23 19:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/23 19:43	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/23 19:43	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/23 19:43	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/23 19:43	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/23 19:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/23 19:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/23 19:43	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/23 19:43	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/23 19:43	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/23 19:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/23 19:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/23 19:43	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/23 19:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/23 19:43	1
2-Hexanone	ND		10	1.2	ug/L			01/12/23 19:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/23 19:43	1
Acetone	ND		10	3.0	ug/L			01/12/23 19:43	1
Acetonitrile	ND		170	4.9	ug/L			01/12/23 19:43	1
Acrolein	ND		20	0.91	ug/L			01/12/23 19:43	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/23 19:43	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/23 19:43	1
Benzene	ND		2.0	0.41	ug/L			01/12/23 19:43	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/23 19:43	1
Bromoform	ND		2.0	0.26	ug/L			01/12/23 19:43	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/23 19:43	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/23 19:43	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/23 19:43	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/23 19:43	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/23 19:43	1
Chloroform	ND		2.0	0.34	ug/L			01/12/23 19:43	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/23 19:43	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/23 19:43	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/23 19:43	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/23 19:43	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/23 19:43	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/23 19:43	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/23 19:43	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/23 19:43	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/23 19:43	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/23 19:43	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/23 19:43	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/23 19:43	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/23 19:43	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/23 19:43	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/23 19:43	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/23 19:43	1
Propionitrile	ND		50	5.8	ug/L			01/12/23 19:43	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-22

Lab Sample ID: 480-205394-4

Matrix: Water

Date Collected: 01/09/23 12:18

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/23 19:43	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/23 19:43	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/23 19:43	1
Toluene	ND		2.0	0.51	ug/L			01/12/23 19:43	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/23 19:43	1
trans-1,4-Dichloro-2-butene	ND *1		5.0	0.22	ug/L			01/12/23 19:43	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/23 19:43	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/23 19:43	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/23 19:43	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/23 19:43	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/23 19:43	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122	S1+		77 - 120				01/12/23 19:43	1
4-Bromofluorobenzene (Surr)	108			73 - 120				01/12/23 19:43	1
Toluene-d8 (Surr)	103			80 - 120				01/12/23 19:43	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/17/23 08:17	1
PCB-1221	ND		0.50	0.18	ug/L			01/17/23 08:17	1
PCB-1232	ND		0.50	0.18	ug/L			01/17/23 08:17	1
PCB-1242	ND		0.50	0.18	ug/L			01/17/23 08:17	1
PCB-1248	ND		0.50	0.18	ug/L			01/17/23 08:17	1
PCB-1254	ND		0.50	0.25	ug/L			01/17/23 08:17	1
PCB-1260	ND		0.50	0.25	ug/L			01/17/23 08:17	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	70			19 - 120			01/17/23 08:17	01/19/23 05:01	1
Tetrachloro-m-xylene	72			39 - 121			01/17/23 08:17	01/19/23 05:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.2		1.0	0.43	mg/L			01/28/23 03:05	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.91				SU			01/09/23 12:18	1
Field Conductivity	2130				umhos/cm			01/09/23 12:18	1
Field Temperature	14.1				Degrees C			01/09/23 12:18	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Lab Sample ID: 480-205394-5

Date Collected: 01/09/23 13:21

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/23 20:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/23 20:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/23 20:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/23 20:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/23 20:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/23 20:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/23 20:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/23 20:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/23 20:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/23 20:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/23 20:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/23 20:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/23 20:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/23 20:08	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/23 20:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/23 20:08	1
2-Hexanone	ND		10	1.2	ug/L			01/12/23 20:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/23 20:08	1
Acetone	ND		10	3.0	ug/L			01/12/23 20:08	1
Acetonitrile	ND		170	4.9	ug/L			01/12/23 20:08	1
Acrolein	ND		20	0.91	ug/L			01/12/23 20:08	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/23 20:08	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/23 20:08	1
Benzene	ND		2.0	0.41	ug/L			01/12/23 20:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/23 20:08	1
Bromoform	ND		2.0	0.26	ug/L			01/12/23 20:08	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/23 20:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/23 20:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/23 20:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/23 20:08	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/23 20:08	1
Chloroform	ND		2.0	0.34	ug/L			01/12/23 20:08	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/23 20:08	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/23 20:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/23 20:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/23 20:08	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/23 20:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/23 20:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/23 20:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/23 20:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/23 20:08	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/23 20:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/23 20:08	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/23 20:08	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/23 20:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/23 20:08	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/23 20:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/23 20:08	1
Propionitrile	ND		50	5.8	ug/L			01/12/23 20:08	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-23

Lab Sample ID: 480-205394-5

Date Collected: 01/09/23 13:21

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/23 20:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/23 20:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/23 20:08	1
Toluene	ND		2.0	0.51	ug/L			01/12/23 20:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/23 20:08	1
trans-1,4-Dichloro-2-butene	ND *1		5.0	0.22	ug/L			01/12/23 20:08	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/23 20:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/23 20:08	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/23 20:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/23 20:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/23 20:08	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121	S1+		77 - 120				01/12/23 20:08	1
4-Bromofluorobenzene (Surr)	110			73 - 120				01/12/23 20:08	1
Toluene-d8 (Surr)	102			80 - 120				01/12/23 20:08	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78			19 - 120			01/16/23 08:27	01/19/23 08:25	1
Tetrachloro-m-xylene	100			39 - 121			01/16/23 08:27	01/19/23 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.2		1.0	0.43	mg/L			01/28/23 03:34	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.11				SU			01/09/23 13:21	1
Field Conductivity	890				umhos/cm			01/09/23 13:21	1
Field Temperature	14.6				Degrees C			01/09/23 13:21	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-24

Lab Sample ID: 480-205394-6

Date Collected: 01/09/23 13:51

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/23 20:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/23 20:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/23 20:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/23 20:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/23 20:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/23 20:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/23 20:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/23 20:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/23 20:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/23 20:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/23 20:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/23 20:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/23 20:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/23 20:32	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/23 20:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/23 20:32	1
2-Hexanone	ND		10	1.2	ug/L			01/12/23 20:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/23 20:32	1
Acetone	ND		10	3.0	ug/L			01/12/23 20:32	1
Acetonitrile	ND		170	4.9	ug/L			01/12/23 20:32	1
Acrolein	ND		20	0.91	ug/L			01/12/23 20:32	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/23 20:32	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/23 20:32	1
Benzene	ND		2.0	0.41	ug/L			01/12/23 20:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/23 20:32	1
Bromoform	ND		2.0	0.26	ug/L			01/12/23 20:32	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/23 20:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/23 20:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/23 20:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/23 20:32	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/23 20:32	1
Chloroform	ND		2.0	0.34	ug/L			01/12/23 20:32	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/23 20:32	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/23 20:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/23 20:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/23 20:32	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/23 20:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/23 20:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/23 20:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/23 20:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/23 20:32	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/23 20:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/23 20:32	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/23 20:32	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/23 20:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/23 20:32	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/23 20:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/23 20:32	1
Propionitrile	ND		50	5.8	ug/L			01/12/23 20:32	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-24

Date Collected: 01/09/23 13:51

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-6

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/12/23 20:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/12/23 20:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/12/23 20:32	1
Toluene	ND		2.0	0.51	ug/L			01/12/23 20:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/12/23 20:32	1
trans-1,4-Dichloro-2-butene	ND *1		5.0	0.22	ug/L			01/12/23 20:32	1
Trichloroethene	ND		2.0	0.46	ug/L			01/12/23 20:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/12/23 20:32	1
Vinyl acetate	ND		10	0.85	ug/L			01/12/23 20:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/12/23 20:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/12/23 20:32	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122	S1+		77 - 120				01/12/23 20:32	1
4-Bromofluorobenzene (Surr)	107			73 - 120				01/12/23 20:32	1
Toluene-d8 (Surr)	103			80 - 120				01/12/23 20:32	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75			19 - 120			01/16/23 08:27	01/24/23 22:27	1
Tetrachloro-m-xylene	82			39 - 121			01/16/23 08:27	01/24/23 22:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.5		1.0	0.43	mg/L			01/28/23 04:03	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.68				SU			01/09/23 13:51	1
Field Conductivity	1720				umhos/cm			01/09/23 13:51	1
Field Temperature	14.0				Degrees C			01/09/23 13:51	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-14

Lab Sample ID: 480-205394-7

Matrix: Water

Date Collected: 01/10/23 09:35

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 14:08	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 14:08	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 14:08	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 14:08	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 14:08	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 14:08	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 14:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 14:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 14:08	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 14:08	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 14:08	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 14:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 14:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 14:08	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 14:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 14:08	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 14:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 14:08	1
Acetone	ND		10	3.0	ug/L			01/13/23 14:08	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 14:08	1
Acrolein	ND		20	0.91	ug/L			01/13/23 14:08	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 14:08	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 14:08	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 14:08	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 14:08	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 14:08	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 14:08	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 14:08	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 14:08	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 14:08	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 14:08	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 14:08	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 14:08	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 14:08	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 14:08	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 14:08	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 14:08	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 14:08	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 14:08	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 14:08	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 14:08	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 14:08	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 14:08	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 14:08	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 14:08	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 14:08	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 14:08	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 14:08	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 14:08	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-14

Date Collected: 01/10/23 09:35
 Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-7

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 14:08	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 14:08	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 14:08	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 14:08	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 14:08	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 14:08	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 14:08	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 14:08	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 14:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 14:08	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 14:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		77 - 120		01/13/23 14:08	1
4-Bromofluorobenzene (Surr)	106		73 - 120		01/13/23 14:08	1
Toluene-d8 (Surr)	100		80 - 120		01/13/23 14:08	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	78		19 - 120		01/23/23 19:28	1
Tetrachloro-m-xylene	83		39 - 121		01/23/23 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.9		1.0	0.43	mg/L			01/28/23 04:32	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.19			SU				01/10/23 09:35	1
Field Conductivity	895			umhos/cm				01/10/23 09:35	1
Field Temperature	14.0			Degrees C				01/10/23 09:35	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-19

Lab Sample ID: 480-205394-8

Date Collected: 01/10/23 10:34

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 14:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 14:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 14:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 14:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 14:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 14:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 14:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 14:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 14:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 14:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 14:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 14:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 14:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 14:32	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 14:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 14:32	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 14:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 14:32	1
Acetone	ND		10	3.0	ug/L			01/13/23 14:32	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 14:32	1
Acrolein	ND		20	0.91	ug/L			01/13/23 14:32	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 14:32	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 14:32	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 14:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 14:32	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 14:32	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 14:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 14:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 14:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 14:32	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 14:32	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 14:32	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 14:32	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 14:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 14:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 14:32	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 14:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 14:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 14:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 14:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 14:32	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 14:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 14:32	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 14:32	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 14:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 14:32	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 14:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 14:32	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 14:32	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-19

Lab Sample ID: 480-205394-8

Date Collected: 01/10/23 10:34

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 14:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 14:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 14:32	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 14:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 14:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 14:32	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 14:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 14:32	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 14:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 14:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 14:32	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		120		77 - 120				01/13/23 14:32	1
4-Bromofluorobenzene (Surr)		107		73 - 120				01/13/23 14:32	1
Toluene-d8 (Surr)		103		80 - 120				01/13/23 14:32	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		77		19 - 120				01/16/23 08:27	1
Tetrachloro-m-xylene		79		39 - 121				01/16/23 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.8		1.0	0.43	mg/L			01/28/23 05:01	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.24				SU			01/10/23 10:34	1
Field Conductivity	1289				umhos/cm			01/10/23 10:34	1
Field Temperature	13.8				Degrees C			01/10/23 10:34	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-20

Lab Sample ID: 480-205394-9

Date Collected: 01/10/23 10:57

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 14:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 14:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 14:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 14:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 14:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 14:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 14:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 14:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 14:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 14:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 14:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 14:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 14:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 14:56	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 14:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 14:56	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 14:56	1
Acetone	ND		10	3.0	ug/L			01/13/23 14:56	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 14:56	1
Acrolein	ND		20	0.91	ug/L			01/13/23 14:56	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 14:56	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 14:56	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 14:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 14:56	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 14:56	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 14:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 14:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 14:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 14:56	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 14:56	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 14:56	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 14:56	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 14:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 14:56	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 14:56	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 14:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 14:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 14:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 14:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 14:56	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 14:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 14:56	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 14:56	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 14:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 14:56	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 14:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 14:56	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 14:56	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-20

Date Collected: 01/10/23 10:57

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-9

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 14:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 14:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 14:56	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 14:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 14:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 14:56	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 14:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 14:56	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 14:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 14:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121	S1+	77 - 120		01/13/23 14:56	1
4-Bromofluorobenzene (Surr)	110		73 - 120		01/13/23 14:56	1
Toluene-d8 (Surr)	103		80 - 120		01/13/23 14:56	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	67		19 - 120		01/23/23 19:55	1
Tetrachloro-m-xylene	76		39 - 121		01/23/23 19:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	1.9		1.0	0.43	mg/L			01/28/23 07:26	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.27				SU			01/10/23 10:57	1
Field Conductivity	1606				umhos/cm			01/10/23 10:57	1
Field Temperature	14.0				Degrees C			01/10/23 10:57	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-11

Date Collected: 01/10/23 12:04

Lab Sample ID: 480-205394-10

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 15:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 15:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 15:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 15:19	1
1,1-Dichloroethane	0.68	J	2.0	0.38	ug/L			01/13/23 15:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 15:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 15:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 15:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 15:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 15:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 15:19	1
1,2-Dichloropropene	ND		2.0	0.72	ug/L			01/13/23 15:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 15:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 15:19	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 15:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 15:19	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 15:19	1
Acetone	ND		10	3.0	ug/L			01/13/23 15:19	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 15:19	1
Acrolein	ND		20	0.91	ug/L			01/13/23 15:19	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 15:19	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 15:19	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 15:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 15:19	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 15:19	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 15:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 15:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 15:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 15:19	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 15:19	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 15:19	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 15:19	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 15:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 15:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 15:19	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 15:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 15:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 15:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 15:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 15:19	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 15:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 15:19	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 15:19	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 15:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 15:19	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 15:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 15:19	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 15:19	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-11

Date Collected: 01/10/23 12:04

Lab Sample ID: 480-205394-10

Date Received: 01/11/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 15:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 15:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 15:19	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 15:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 15:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 15:19	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 15:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 15:19	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 15:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 15:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 15:19	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		119		77 - 120				01/13/23 15:19	1
4-Bromofluorobenzene (Surr)		105		73 - 120				01/13/23 15:19	1
Toluene-d8 (Surr)		102		80 - 120				01/13/23 15:19	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 12:59	01/22/23 22:06	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 12:59	01/22/23 22:06	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:08	1
PCB-1221	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:08	1
PCB-1232	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:08	1
PCB-1242	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:08	1
PCB-1248	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:08	1
PCB-1254	ND		0.50	0.25	ug/L		01/16/23 08:27	01/23/23 20:08	1
PCB-1260	ND		0.50	0.25	ug/L		01/16/23 08:27	01/23/23 20:08	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		65		19 - 120				01/16/23 08:27	01/23/23 20:08
Tetrachloro-m-xylene		66		39 - 121				01/16/23 08:27	01/23/23 20:08

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.4		1.0	0.43	mg/L			01/28/23 07:55	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.92				SU			01/10/23 12:04	1
Field Conductivity	1099				umhos/cm			01/10/23 12:04	1
Field Temperature	14.1				Degrees C			01/10/23 12:04	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-12

Date Collected: 01/10/23 12:38

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-11

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 15:43	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 15:43	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 15:43	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 15:43	1
1,1-Dichloroethane	0.78	J	2.0	0.38	ug/L			01/13/23 15:43	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 15:43	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 15:43	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 15:43	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 15:43	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 15:43	1
1,2-Dichloroethene, Total	12		2.0	0.81	ug/L			01/13/23 15:43	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 15:43	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 15:43	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 15:43	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 15:43	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 15:43	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 15:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 15:43	1
Acetone	ND		10	3.0	ug/L			01/13/23 15:43	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 15:43	1
Acrolein	ND		20	0.91	ug/L			01/13/23 15:43	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 15:43	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 15:43	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 15:43	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 15:43	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 15:43	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 15:43	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 15:43	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 15:43	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 15:43	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 15:43	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 15:43	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 15:43	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 15:43	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 15:43	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 15:43	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 15:43	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 15:43	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 15:43	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 15:43	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 15:43	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 15:43	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 15:43	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 15:43	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 15:43	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 15:43	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 15:43	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 15:43	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 15:43	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-12

Date Collected: 01/10/23 12:38

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-11

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 15:43	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 15:43	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 15:43	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 15:43	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 15:43	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 15:43	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 15:43	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 15:43	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 15:43	1
Vinyl chloride	1.5		1.0	0.90	ug/L			01/13/23 15:43	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		77 - 120		01/13/23 15:43	1
4-Bromofluorobenzene (Surr)	108		73 - 120		01/13/23 15:43	1
Toluene-d8 (Surr)	103		80 - 120		01/13/23 15:43	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 12:59	01/22/23 22:26	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 12:59	01/22/23 22:26	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:21	1
PCB-1221	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:21	1
PCB-1232	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:21	1
PCB-1242	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:21	1
PCB-1248	ND		0.50	0.18	ug/L		01/16/23 08:27	01/23/23 20:21	1
PCB-1254	ND		0.50	0.25	ug/L		01/16/23 08:27	01/23/23 20:21	1
PCB-1260	ND		0.50	0.25	ug/L		01/16/23 08:27	01/23/23 20:21	1
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
DCB Decachlorobiphenyl	66		19 - 120		01/16/23 08:27	01/23/23 20:21	1		
Tetrachloro-m-xylene	77		39 - 121		01/16/23 08:27	01/23/23 20:21	1		

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.2		1.0	0.43	mg/L			01/28/23 08:53	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.93			SU				01/10/23 12:38	1
Field Conductivity	1095			umhos/cm				01/10/23 12:38	1
Field Temperature	14.1			Degrees C				01/10/23 12:38	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA1

Lab Sample ID: 480-205394-12

Date Collected: 01/10/23 12:04

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 11:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 11:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 11:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 11:11	1
1,1-Dichloroethane	0.66	J	2.0	0.38	ug/L			01/16/23 11:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 11:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 11:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 11:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 11:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 11:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 11:11	1
1,2-Dichloropropene	ND		2.0	0.72	ug/L			01/16/23 11:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 11:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 11:11	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 11:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 11:11	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 11:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 11:11	1
Acetone	ND		10	3.0	ug/L			01/16/23 11:11	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 11:11	1
Acrolein	ND		20	0.91	ug/L			01/16/23 11:11	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 11:11	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 11:11	1
Benzene	ND		2.0	0.41	ug/L			01/16/23 11:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 11:11	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 11:11	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 11:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 11:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 11:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 11:11	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 11:11	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 11:11	1
Chloromethane	ND		2.0	0.35	ug/L			01/16/23 11:11	1
Chloroprene	ND		1.0	0.49	ug/L			01/16/23 11:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/16/23 11:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/16/23 11:11	1
Dibromomethane	ND		2.0	0.41	ug/L			01/16/23 11:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/16/23 11:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/16/23 11:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/16/23 11:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/16/23 11:11	1
Iodomethane	ND		2.0	0.30	ug/L			01/16/23 11:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/16/23 11:11	1
Methacrylonitrile	ND		10	0.69	ug/L			01/16/23 11:11	1
Methyl methacrylate	ND		10	0.61	ug/L			01/16/23 11:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/16/23 11:11	1
Naphthalene	ND		1.0	0.43	ug/L			01/16/23 11:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/16/23 11:11	1
Propionitrile	ND		50	5.8	ug/L			01/16/23 11:11	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: DUP TSCA1

Date Collected: 01/10/23 12:04

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-12

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/16/23 11:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/16/23 11:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/16/23 11:11	1
Toluene	ND		2.0	0.51	ug/L			01/16/23 11:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/16/23 11:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/16/23 11:11	1
Trichloroethene	ND		2.0	0.46	ug/L			01/16/23 11:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/16/23 11:11	1
Vinyl acetate	ND		10	0.85	ug/L			01/16/23 11:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/23 11:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/16/23 11:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		77 - 120		01/16/23 11:11	1
4-Bromofluorobenzene (Surr)	105		73 - 120		01/16/23 11:11	1
Toluene-d8 (Surr)	100		80 - 120		01/16/23 11:11	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		19 - 120		01/23/23 20:35	1
Tetrachloro-m-xylene	80		39 - 121		01/23/23 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.3		1.0	0.43	mg/L			01/28/23 10:47	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.91			SU				01/10/23 12:04	1
Field Conductivity	1103			umhos/cm				01/10/23 12:04	1
Field Temperature	14.1			Degrees C				01/10/23 12:04	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-26

Date Collected: 01/09/23 15:39

Lab Sample ID: 480-205394-17

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 16:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 16:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 16:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 16:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 16:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 16:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 16:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 16:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 16:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 16:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 16:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 16:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 16:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 16:32	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 16:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 16:32	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 16:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 16:32	1
Acetone	ND		10	3.0	ug/L			01/13/23 16:32	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 16:32	1
Acrolein	ND		20	0.91	ug/L			01/13/23 16:32	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 16:32	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 16:32	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 16:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 16:32	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 16:32	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 16:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 16:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 16:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 16:32	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 16:32	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 16:32	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 16:32	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 16:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 16:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 16:32	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 16:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 16:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 16:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 16:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 16:32	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 16:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 16:32	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 16:32	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 16:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 16:32	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 16:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 16:32	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 16:32	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-26

Date Collected: 01/09/23 15:39

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-17

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 16:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 16:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 16:32	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 16:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 16:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 16:32	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 16:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 16:32	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 16:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 16:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		77 - 120		01/13/23 16:32	1
4-Bromofluorobenzene (Surr)	108		73 - 120		01/13/23 16:32	1
Toluene-d8 (Surr)	104		80 - 120		01/13/23 16:32	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	61		19 - 120		01/23/23 20:48	1
Tetrachloro-m-xylene	85		39 - 121		01/23/23 20:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.4		1.0	0.43	mg/L			01/28/23 09:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.81			SU				01/09/23 15:39	1
Field Conductivity	1777			umhos/cm				01/09/23 15:39	1
Field Temperature	14.3			Degrees C				01/09/23 15:39	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-25

Date Collected: 01/10/23 08:55

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-18

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 16:56	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 16:56	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 16:56	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 16:56	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 16:56	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 16:56	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 16:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 16:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 16:56	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 16:56	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 16:56	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 16:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 16:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 16:56	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 16:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 16:56	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 16:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 16:56	1
Acetone	ND		10	3.0	ug/L			01/13/23 16:56	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 16:56	1
Acrolein	ND		20	0.91	ug/L			01/13/23 16:56	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 16:56	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 16:56	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 16:56	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 16:56	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 16:56	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 16:56	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 16:56	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 16:56	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 16:56	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 16:56	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 16:56	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 16:56	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 16:56	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 16:56	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 16:56	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 16:56	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 16:56	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 16:56	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 16:56	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 16:56	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 16:56	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 16:56	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 16:56	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 16:56	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 16:56	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 16:56	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 16:56	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 16:56	1

Eurofins Buffalo

Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-25

Date Collected: 01/10/23 08:55

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-18

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 16:56	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 16:56	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 16:56	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 16:56	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 16:56	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 16:56	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 16:56	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 16:56	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 16:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 16:56	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 16:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		77 - 120		01/13/23 16:56	1
4-Bromofluorobenzene (Surr)	102		73 - 120		01/13/23 16:56	1
Toluene-d8 (Surr)	99		80 - 120		01/13/23 16:56	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L			01/22/23 12:59	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L			01/22/23 12:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1221	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1232	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1242	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1248	ND		0.50	0.18	ug/L			01/16/23 08:27	1
PCB-1254	ND		0.50	0.25	ug/L			01/16/23 08:27	1
PCB-1260	ND		0.50	0.25	ug/L			01/16/23 08:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	58		19 - 120		01/23/23 21:02	1
Tetrachloro-m-xylene	76		39 - 121		01/23/23 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.6		1.0	0.43	mg/L			01/28/23 10:19	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.70			SU				01/10/23 08:55	1
Field Conductivity	1664			umhos/cm				01/10/23 08:55	1
Field Temperature	14.7			Degrees C				01/10/23 08:55	1

Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: TRIP BLANK

Date Collected: 01/10/23 00:00

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-19

Matrix: Water

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 12:59	01/23/23 00:04	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 12:59	01/23/23 00:04	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: TRIP BLANK

Date Collected: 01/10/23 00:00

Lab Sample ID: 480-205394-20

Matrix: Water

Date Received: 01/11/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 17:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 17:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 17:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 17:21	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 17:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 17:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 17:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 17:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 17:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 17:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 17:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 17:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 17:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 17:21	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 17:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/13/23 17:21	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 17:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 17:21	1
Acetone	ND		10	3.0	ug/L			01/13/23 17:21	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 17:21	1
Acrolein	ND		20	0.91	ug/L			01/13/23 17:21	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 17:21	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 17:21	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 17:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 17:21	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 17:21	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 17:21	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 17:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 17:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 17:21	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 17:21	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 17:21	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 17:21	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 17:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 17:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 17:21	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 17:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 17:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 17:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 17:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 17:21	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 17:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 17:21	1
Methacrylonitrile	ND		10	0.69	ug/L			01/13/23 17:21	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 17:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 17:21	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 17:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 17:21	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 17:21	1

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Client Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: TRIP BLANK

Date Collected: 01/10/23 00:00

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-20

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 17:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 17:21	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/13/23 17:21	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 17:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 17:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 17:21	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 17:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 17:21	1
Vinyl acetate	ND		10	0.85	ug/L			01/13/23 17:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 17:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 17:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)	119		77 - 120				01/13/23 17:21	1	
4-Bromofluorobenzene (Surr)	110		73 - 120				01/13/23 17:21	1	
Toluene-d8 (Surr)	104		80 - 120				01/13/23 17:21	1	

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-17

Date Collected: 01/10/23 17:31

Lab Sample ID: 480-205432-1

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 16:50	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 16:50	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 16:50	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 16:50	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 16:50	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 16:50	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 16:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 16:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 16:50	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 16:50	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 16:50	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 16:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 16:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 16:50	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 16:50	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 16:50	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 16:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 16:50	1
Acetone	ND		10	3.0	ug/L			01/13/23 16:50	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 16:50	1
Acrolein	ND		20	0.91	ug/L			01/13/23 16:50	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 16:50	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 16:50	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 16:50	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 16:50	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 16:50	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 16:50	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 16:50	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 16:50	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 16:50	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 16:50	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 16:50	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 16:50	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 16:50	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 16:50	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 16:50	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 16:50	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 16:50	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 16:50	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 16:50	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 16:50	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 16:50	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 16:50	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 16:50	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 16:50	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 16:50	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 16:50	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 16:50	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 16:50	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-17

Lab Sample ID: 480-205432-1

Date Collected: 01/10/23 17:31

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 16:50	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 16:50	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 16:50	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 16:50	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 16:50	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 16:50	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 16:50	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 16:50	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 16:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 16:50	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 16:50	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		111		77 - 120				01/13/23 16:50	1
4-Bromofluorobenzene (Surr)		96		73 - 120				01/13/23 16:50	1
Toluene-d8 (Surr)		94		80 - 120				01/13/23 16:50	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0073	ug/L		01/22/23 13:36	01/23/23 01:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		01/22/23 13:36	01/23/23 01:03	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:15	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:15	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:15	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:15	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:15	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:15	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:15	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		79		19 - 120			01/17/23 08:17	01/19/23 05:15	1
Tetrachloro-m-xylene		75		39 - 121			01/17/23 08:17	01/19/23 05:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.0		1.0	0.43	mg/L			01/30/23 23:55	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU			01/10/23 17:31	1
Field Conductivity	2800				umhos/cm			01/10/23 17:31	1
Field Temperature	13.7				Degrees C			01/10/23 17:31	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Date Collected: 01/11/23 09:10

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-2

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 17:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 17:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 17:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 17:23	1
1,1-Dichloroethane	6.8		2.0	0.38	ug/L			01/13/23 17:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 17:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 17:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 17:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 17:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 17:23	1
1,2-Dichloroethene, Total	19		2.0	0.81	ug/L			01/13/23 17:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 17:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 17:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 17:23	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 17:23	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 17:23	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 17:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 17:23	1
Acetone	ND		10	3.0	ug/L			01/13/23 17:23	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 17:23	1
Acrolein	ND		20	0.91	ug/L			01/13/23 17:23	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 17:23	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 17:23	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 17:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 17:23	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 17:23	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 17:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 17:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 17:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 17:23	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 17:23	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 17:23	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 17:23	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 17:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 17:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 17:23	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 17:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 17:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 17:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 17:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 17:23	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 17:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 17:23	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 17:23	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 17:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 17:23	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 17:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 17:23	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 17:23	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-4

Date Collected: 01/11/23 09:10

Lab Sample ID: 480-205432-2

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 17:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 17:23	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 17:23	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 17:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 17:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 17:23	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 17:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 17:23	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 17:23	1
Vinyl chloride	4.1		1.0	0.90	ug/L			01/13/23 17:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		77 - 120					01/13/23 17:23	1
4-Bromofluorobenzene (Surr)	98		73 - 120					01/13/23 17:23	1
Toluene-d8 (Surr)	97		80 - 120					01/13/23 17:23	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 13:36	01/23/23 01:22	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 13:36	01/23/23 01:22	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:28	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:28	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:28	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:28	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:28	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:28	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		19 - 120				01/17/23 08:17	01/19/23 05:28	1
Tetrachloro-m-xylene	79		39 - 121				01/17/23 08:17	01/19/23 05:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.0		1.0	0.43	mg/L			01/31/23 00:23	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.86			SU				01/11/23 09:10	1
Field Conductivity	1490			umhos/cm				01/11/23 09:10	1
Field Temperature	14.0			Degrees C				01/11/23 09:10	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Lab Sample ID: 480-205432-3

Date Collected: 01/11/23 10:00

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 17:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 17:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 17:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 17:42	1
1,1-Dichloroethane	23		2.0	0.38	ug/L			01/13/23 17:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 17:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 17:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 17:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 17:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 17:42	1
1,2-Dichloroethene, Total	14		2.0	0.81	ug/L			01/13/23 17:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 17:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 17:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 17:42	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 17:42	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 17:42	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 17:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 17:42	1
Acetone	ND		10	3.0	ug/L			01/13/23 17:42	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 17:42	1
Acrolein	ND		20	0.91	ug/L			01/13/23 17:42	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 17:42	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 17:42	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 17:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 17:42	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 17:42	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 17:42	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 17:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 17:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 17:42	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 17:42	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 17:42	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 17:42	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 17:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 17:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 17:42	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 17:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 17:42	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 17:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 17:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 17:42	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 17:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 17:42	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 17:42	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 17:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 17:42	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 17:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 17:42	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 17:42	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-3

Date Collected: 01/11/23 10:00

Lab Sample ID: 480-205432-3

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 17:42	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 17:42	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 17:42	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 17:42	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 17:42	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 17:42	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 17:42	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 17:42	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 17:42	1
Vinyl chloride	1.5		1.0	0.90	ug/L			01/13/23 17:42	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					01/13/23 17:42	1
4-Bromofluorobenzene (Surr)	95		73 - 120					01/13/23 17:42	1
Toluene-d8 (Surr)	94		80 - 120					01/13/23 17:42	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 13:36	01/23/23 01:42	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 13:36	01/23/23 01:42	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:41	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:41	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:41	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:41	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:41	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:41	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	65		19 - 120				01/17/23 08:17	01/19/23 05:41	1
Tetrachloro-m-xylene	69		39 - 121				01/17/23 08:17	01/19/23 05:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.6		1.0	0.43	mg/L			01/31/23 08:24	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.97			SU				01/11/23 10:00	1
Field Conductivity	1060			umhos/cm				01/11/23 10:00	1
Field Temperature	14.0			Degrees C				01/11/23 10:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 3

Date Collected: 01/11/23 10:00

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 18:04	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 18:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 18:04	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 18:04	1
1,1-Dichloroethane	22		2.0	0.38	ug/L			01/13/23 18:04	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 18:04	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 18:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 18:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 18:04	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 18:04	1
1,2-Dichloroethene, Total	13		2.0	0.81	ug/L			01/13/23 18:04	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 18:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 18:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 18:04	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 18:04	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 18:04	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 18:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 18:04	1
Acetone	ND		10	3.0	ug/L			01/13/23 18:04	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 18:04	1
Acrolein	ND		20	0.91	ug/L			01/13/23 18:04	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 18:04	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 18:04	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 18:04	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 18:04	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 18:04	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 18:04	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 18:04	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 18:04	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 18:04	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 18:04	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 18:04	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 18:04	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 18:04	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 18:04	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 18:04	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 18:04	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 18:04	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 18:04	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 18:04	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 18:04	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 18:04	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 18:04	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 18:04	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 18:04	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 18:04	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 18:04	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 18:04	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 18:04	1

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Client Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: DUP TSCA 3

Date Collected: 01/11/23 10:00

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 18:04	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 18:04	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 18:04	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 18:04	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 18:04	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 18:04	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 18:04	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 18:04	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 18:04	1
Vinyl chloride	1.4		1.0	0.90	ug/L			01/13/23 18:04	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120					01/13/23 18:04	1
4-Bromofluorobenzene (Surr)	95		73 - 120					01/13/23 18:04	1
Toluene-d8 (Surr)	94		80 - 120					01/13/23 18:04	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 13:36	01/23/23 02:01	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0057	ug/L		01/22/23 13:36	01/23/23 02:01	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:55	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:55	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:55	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:55	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 05:55	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:55	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 05:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	79		19 - 120				01/17/23 08:17	01/19/23 05:55	1
Tetrachloro-m-xylene	72		39 - 121				01/17/23 08:17	01/19/23 05:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.4		1.0	0.43	mg/L			01/31/23 08:52	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96			SU				01/11/23 10:00	1
Field Conductivity	1063			umhos/cm				01/11/23 10:00	1
Field Temperature	14.0			Degrees C				01/11/23 10:00	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-10

Lab Sample ID: 480-205432-5

Date Collected: 01/10/23 14:36

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 18:26	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 18:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 18:26	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 18:26	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 18:26	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 18:26	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 18:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 18:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 18:26	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 18:26	1
1,2-Dichloroethene, Total	0.81 J		2.0	0.81	ug/L			01/13/23 18:26	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 18:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 18:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 18:26	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 18:26	1
2-Butanone (MEK)	ND *+		10	1.3	ug/L			01/13/23 18:26	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 18:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 18:26	1
Acetone	ND		10	3.0	ug/L			01/13/23 18:26	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 18:26	1
Acrolein	ND		20	0.91	ug/L			01/13/23 18:26	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 18:26	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 18:26	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 18:26	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 18:26	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 18:26	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 18:26	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 18:26	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 18:26	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 18:26	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 18:26	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 18:26	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 18:26	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 18:26	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 18:26	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 18:26	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 18:26	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 18:26	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 18:26	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 18:26	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 18:26	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 18:26	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 18:26	1
Methacrylonitrile	ND *+		10	0.69	ug/L			01/13/23 18:26	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 18:26	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 18:26	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 18:26	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 18:26	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 18:26	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-10

Lab Sample ID: 480-205432-5

Matrix: Water

Date Collected: 01/10/23 14:36

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 18:26	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 18:26	1
Tetrahydrofuran	ND	++	5.0	1.3	ug/L			01/13/23 18:26	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 18:26	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 18:26	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 18:26	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 18:26	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 18:26	1
Vinyl acetate	ND	++	10	0.85	ug/L			01/13/23 18:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 18:26	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 18:26	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		113		77 - 120				01/13/23 18:26	1
4-Bromofluorobenzene (Surr)		96		73 - 120				01/13/23 18:26	1
Toluene-d8 (Surr)		93		80 - 120				01/13/23 18:26	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 02:21	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 02:21	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:08	1	
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:08	1	
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:08	1	
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:08	1	
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:08	1	
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:08	1	
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:08	1	
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl		78		19 - 120				01/17/23 08:17	01/19/23 06:08	1
Tetrachloro-m-xylene		71		39 - 121				01/17/23 08:17	01/19/23 06:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	8.2		1.0	0.43	mg/L			01/31/23 09:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.31				SU			01/10/23 14:36	1
Field Conductivity	1036				umhos/cm			01/10/23 14:36	1
Field Temperature	14.3				Degrees C			01/10/23 14:36	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 2

Date Collected: 01/10/23 14:36

Lab Sample ID: 480-205432-6

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 18:54	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 18:54	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 18:54	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 18:54	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 18:54	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 18:54	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 18:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 18:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 18:54	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 18:54	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 18:54	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 18:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 18:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 18:54	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 18:54	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 18:54	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 18:54	1
Acetone	ND		10	3.0	ug/L			01/13/23 18:54	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 18:54	1
Acrolein	ND		20	0.91	ug/L			01/13/23 18:54	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 18:54	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 18:54	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 18:54	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 18:54	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 18:54	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 18:54	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 18:54	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 18:54	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 18:54	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 18:54	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 18:54	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 18:54	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 18:54	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 18:54	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 18:54	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 18:54	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 18:54	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 18:54	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 18:54	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 18:54	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 18:54	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 18:54	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 18:54	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 18:54	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 18:54	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 18:54	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 18:54	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 18:54	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: DUP TSCA 2

Lab Sample ID: 480-205432-6

Matrix: Water

Date Collected: 01/10/23 14:36

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 18:54	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 18:54	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 18:54	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 18:54	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 18:54	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 18:54	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 18:54	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 18:54	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 18:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 18:54	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 18:54	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		112		77 - 120				01/13/23 18:54	1
4-Bromofluorobenzene (Surr)		97		73 - 120				01/13/23 18:54	1
Toluene-d8 (Surr)		96		80 - 120				01/13/23 18:54	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 13:36	01/23/23 03:00	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 13:36	01/23/23 03:00	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:21	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:21	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:21	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:21	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:21	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:21	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:21	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		80		19 - 120			01/17/23 08:17	01/19/23 06:21	1
Tetrachloro-m-xylene		79		39 - 121			01/17/23 08:17	01/19/23 06:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	7.5		1.0	0.43	mg/L			01/31/23 10:43	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.30			SU				01/10/23 14:36	1
Field Conductivity	1037			umhos/cm				01/10/23 14:36	1
Field Temperature	14.3			Degrees C				01/10/23 14:36	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-13

Lab Sample ID: 480-205432-7

Date Collected: 01/10/23 15:09

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 19:37	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 19:37	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 19:37	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 19:37	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 19:37	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 19:37	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 19:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 19:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 19:37	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 19:37	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 19:37	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 19:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 19:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 19:37	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 19:37	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 19:37	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 19:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 19:37	1
Acetone	ND		10	3.0	ug/L			01/13/23 19:37	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 19:37	1
Acrolein	ND		20	0.91	ug/L			01/13/23 19:37	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 19:37	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 19:37	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 19:37	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 19:37	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 19:37	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 19:37	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 19:37	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 19:37	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 19:37	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 19:37	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 19:37	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 19:37	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 19:37	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 19:37	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 19:37	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 19:37	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 19:37	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 19:37	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 19:37	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 19:37	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 19:37	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 19:37	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 19:37	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 19:37	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 19:37	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 19:37	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 19:37	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 19:37	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-13

Date Collected: 01/10/23 15:09

Lab Sample ID: 480-205432-7

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 19:37	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 19:37	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 19:37	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 19:37	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 19:37	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 19:37	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 19:37	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 19:37	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 19:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 19:37	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 19:37	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		113		77 - 120				01/13/23 19:37	1
4-Bromofluorobenzene (Surr)		97		73 - 120				01/13/23 19:37	1
Toluene-d8 (Surr)		96		80 - 120				01/13/23 19:37	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 03:20	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 03:20	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:34	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:34	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:34	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:34	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:34	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:34	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:34	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		79		19 - 120			01/17/23 08:17	01/19/23 06:34	1
Tetrachloro-m-xylene		82		39 - 121			01/17/23 08:17	01/19/23 06:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.9		1.0	0.43	mg/L			01/31/23 13:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			01/10/23 15:09	1
Field Conductivity	861				umhos/cm			01/10/23 15:09	1
Field Temperature	14.2				Degrees C			01/10/23 15:09	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-16

Lab Sample ID: 480-205432-8

Date Collected: 01/10/23 16:05

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 20:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 20:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 20:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 20:00	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 20:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 20:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 20:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 20:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 20:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 20:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 20:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 20:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 20:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 20:00	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 20:00	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 20:00	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 20:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 20:00	1
Acetone	ND		10	3.0	ug/L			01/13/23 20:00	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 20:00	1
Acrolein	ND		20	0.91	ug/L			01/13/23 20:00	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 20:00	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 20:00	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 20:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 20:00	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 20:00	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 20:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 20:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 20:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 20:00	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 20:00	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 20:00	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 20:00	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 20:00	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 20:00	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 20:00	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 20:00	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 20:00	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 20:00	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 20:00	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 20:00	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 20:00	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 20:00	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 20:00	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 20:00	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 20:00	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 20:00	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 20:00	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 20:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-16

Date Collected: 01/10/23 16:05

Lab Sample ID: 480-205432-8

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 20:00	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 20:00	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 20:00	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 20:00	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 20:00	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 20:00	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 20:00	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 20:00	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 20:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 20:00	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 20:00	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		113		77 - 120				01/13/23 20:00	1
4-Bromofluorobenzene (Surr)		98		73 - 120				01/13/23 20:00	1
Toluene-d8 (Surr)		96		80 - 120				01/13/23 20:00	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 13:36	01/23/23 03:39	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 13:36	01/23/23 03:39	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:48	1	
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:48	1	
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:48	1	
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:48	1	
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 06:48	1	
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:48	1	
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 06:48	1	
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl		71		19 - 120				01/17/23 08:17	01/19/23 06:48	1
Tetrachloro-m-xylene		70		39 - 121				01/17/23 08:17	01/19/23 06:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.7		1.0	0.43	mg/L			01/31/23 13:59	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.80				SU			01/10/23 16:05	1
Field Conductivity	2530				umhos/cm			01/10/23 16:05	1
Field Temperature	13.9				Degrees C			01/10/23 16:05	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-18

Lab Sample ID: 480-205432-9

Date Collected: 01/10/23 16:29

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 20:21	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 20:21	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 20:21	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 20:21	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 20:21	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 20:21	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 20:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 20:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 20:21	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 20:21	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 20:21	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 20:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 20:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 20:21	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 20:21	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 20:21	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 20:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 20:21	1
Acetone	ND		10	3.0	ug/L			01/13/23 20:21	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 20:21	1
Acrolein	ND		20	0.91	ug/L			01/13/23 20:21	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 20:21	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 20:21	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 20:21	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 20:21	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 20:21	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 20:21	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 20:21	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 20:21	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 20:21	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 20:21	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 20:21	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 20:21	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 20:21	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 20:21	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 20:21	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 20:21	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 20:21	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 20:21	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 20:21	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 20:21	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 20:21	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 20:21	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 20:21	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 20:21	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 20:21	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 20:21	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 20:21	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 20:21	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-18

Date Collected: 01/10/23 16:29

Lab Sample ID: 480-205432-9

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 20:21	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 20:21	1
Tetrahydrofuran	ND	++	5.0	1.3	ug/L			01/13/23 20:21	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 20:21	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 20:21	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 20:21	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 20:21	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 20:21	1
Vinyl acetate	ND	++	10	0.85	ug/L			01/13/23 20:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 20:21	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 20:21	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		113		77 - 120				01/13/23 20:21	1
4-Bromofluorobenzene (Surr)		97		73 - 120				01/13/23 20:21	1
Toluene-d8 (Surr)		95		80 - 120				01/13/23 20:21	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 03:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 03:59	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:01	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:01	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:01	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:01	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:01	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:01	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:01	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		77		19 - 120				01/17/23 08:17	01/19/23 07:01
Tetrachloro-m-xylene		70		39 - 121				01/17/23 08:17	01/19/23 07:01

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	3.5		1.0	0.43	mg/L			01/31/23 14:56	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.95				SU			01/10/23 16:29	1
Field Conductivity	1852				umhos/cm			01/10/23 16:29	1
Field Temperature	14.1				Degrees C			01/10/23 16:29	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15

Date Collected: 01/10/23 17:04

Lab Sample ID: 480-205432-10

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 20:49	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 20:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 20:49	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 20:49	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 20:49	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 20:49	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 20:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 20:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 20:49	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 20:49	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 20:49	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 20:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 20:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 20:49	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 20:49	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 20:49	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 20:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 20:49	1
Acetone	ND		10	3.0	ug/L			01/13/23 20:49	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 20:49	1
Acrolein	ND		20	0.91	ug/L			01/13/23 20:49	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 20:49	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 20:49	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 20:49	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 20:49	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 20:49	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 20:49	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 20:49	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 20:49	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 20:49	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 20:49	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 20:49	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 20:49	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 20:49	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 20:49	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 20:49	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 20:49	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 20:49	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 20:49	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 20:49	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 20:49	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 20:49	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 20:49	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 20:49	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 20:49	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 20:49	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 20:49	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 20:49	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 20:49	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-15**Lab Sample ID: 480-205432-10**

Date Collected: 01/10/23 17:04

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 20:49	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 20:49	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 20:49	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 20:49	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 20:49	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 20:49	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 20:49	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 20:49	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 20:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 20:49	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 20:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120					01/13/23 20:49	1
4-Bromofluorobenzene (Surr)	96		73 - 120					01/13/23 20:49	1
Toluene-d8 (Surr)	95		80 - 120					01/13/23 20:49	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 04:19	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 04:19	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:14	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:14	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:14	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:14	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:14	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:14	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	82		19 - 120				01/17/23 08:17	01/19/23 07:14	1
Tetrachloro-m-xylene	73		39 - 121				01/17/23 08:17	01/19/23 07:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	2.7		1.0	0.43	mg/L			01/31/23 15:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.94			SU				01/10/23 17:04	1
Field Conductivity	2530			umhos/cm				01/10/23 17:04	1
Field Temperature	13.7			Degrees C				01/10/23 17:04	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Date Collected: 01/11/23 12:20

Lab Sample ID: 480-205432-11

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 21:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 21:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 21:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 21:20	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/13/23 21:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 21:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 21:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 21:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 21:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 21:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/13/23 21:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 21:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 21:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 21:20	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 21:20	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 21:20	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 21:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 21:20	1
Acetone	ND		10	3.0	ug/L			01/13/23 21:20	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 21:20	1
Acrolein	ND		20	0.91	ug/L			01/13/23 21:20	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 21:20	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 21:20	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 21:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 21:20	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 21:20	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 21:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 21:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 21:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 21:20	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 21:20	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 21:20	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 21:20	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 21:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 21:20	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 21:20	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 21:20	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 21:20	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 21:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 21:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 21:20	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 21:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 21:20	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 21:20	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 21:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 21:20	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 21:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 21:20	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 21:20	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: FIELD BLANK TSCA

Date Collected: 01/11/23 12:20

Lab Sample ID: 480-205432-11

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 21:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 21:20	1
Tetrahydrofuran	ND *+		5.0	1.3	ug/L			01/13/23 21:20	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 21:20	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 21:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 21:20	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 21:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 21:20	1
Vinyl acetate	ND *+		10	0.85	ug/L			01/13/23 21:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 21:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 21:20	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		113		77 - 120				01/13/23 21:20	1
4-Bromofluorobenzene (Surr)		97		73 - 120				01/13/23 21:20	1
Toluene-d8 (Surr)		95		80 - 120				01/13/23 21:20	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 13:36	01/23/23 04:38	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 13:36	01/23/23 04:38	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:28	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:28	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:28	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:28	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:28	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:28	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:28	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		69		19 - 120			01/17/23 08:17	01/19/23 07:28	1
Tetrachloro-m-xylene		72		39 - 121			01/17/23 08:17	01/19/23 07:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	ND		1.0	0.43	mg/L			01/30/23 21:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.84				SU			01/11/23 12:20	1
Field Conductivity	14.5				umhos/cm			01/11/23 12:20	1
Field Temperature	18.9				Degrees C			01/11/23 12:20	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-5

Date Collected: 01/11/23 10:49

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-12

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 21:40	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 21:40	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 21:40	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 21:40	1
1,1-Dichloroethane	6.7		2.0	0.38	ug/L			01/13/23 21:40	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 21:40	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 21:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 21:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 21:40	1
1,2-Dichloroethane	ND	F1	2.0	0.21	ug/L			01/13/23 21:40	1
1,2-Dichloroethene, Total	27		2.0	0.81	ug/L			01/13/23 21:40	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 21:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 21:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 21:40	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 21:40	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			01/13/23 21:40	1
2-Hexanone	ND	F1	10	1.2	ug/L			01/13/23 21:40	1
4-Methyl-2-pentanone (MIBK)	ND	F1	10	2.1	ug/L			01/13/23 21:40	1
Acetone	ND		10	3.0	ug/L			01/13/23 21:40	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 21:40	1
Acrolein	ND		20	0.91	ug/L			01/13/23 21:40	1
Acrylonitrile	ND	F1	20	0.83	ug/L			01/13/23 21:40	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 21:40	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 21:40	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 21:40	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 21:40	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 21:40	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 21:40	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 21:40	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 21:40	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 21:40	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 21:40	1
Chloromethane	ND	F1	2.0	0.35	ug/L			01/13/23 21:40	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 21:40	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 21:40	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 21:40	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 21:40	1
Dichlorodifluoromethane	ND	F1	2.0	0.68	ug/L			01/13/23 21:40	1
Ethyl methacrylate	ND	F1	2.0	0.59	ug/L			01/13/23 21:40	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 21:40	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 21:40	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 21:40	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 21:40	1
Methacrylonitrile	ND	*+	10	0.69	ug/L			01/13/23 21:40	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 21:40	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 21:40	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 21:40	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 21:40	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 21:40	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-5

Date Collected: 01/11/23 10:49

Lab Sample ID: 480-205432-12

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 21:40	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 21:40	1
Tetrahydrofuran	ND	**+	5.0	1.3	ug/L			01/13/23 21:40	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 21:40	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 21:40	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 21:40	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 21:40	1
Trichlorofluoromethane	ND	F1	2.0	0.88	ug/L			01/13/23 21:40	1
Vinyl acetate	ND	**+	10	0.85	ug/L			01/13/23 21:40	1
Vinyl chloride	2.8	F1	1.0	0.90	ug/L			01/13/23 21:40	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 21:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		77 - 120					01/13/23 21:40	1
4-Bromofluorobenzene (Surr)	97		73 - 120					01/13/23 21:40	1
Toluene-d8 (Surr)	96		80 - 120					01/13/23 21:40	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 04:58	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 04:58	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 04:48	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 04:48	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 04:48	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 04:48	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 04:48	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 04:48	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	76		19 - 120				01/17/23 08:17	01/19/23 04:48	1
Tetrachloro-m-xylene	74		39 - 121				01/17/23 08:17	01/19/23 04:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.7		1.0	0.43	mg/L			01/30/23 22:30	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.86			SU				01/11/23 10:49	1
Field Conductivity	1240			umhos/cm				01/11/23 10:49	1
Field Temperature	13.9			Degrees C				01/11/23 10:49	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Date Collected: 01/11/23 11:45

Lab Sample ID: 480-205432-13

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/13/23 22:01	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/13/23 22:01	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/13/23 22:01	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/13/23 22:01	1
1,1-Dichloroethane	19		2.0	0.38	ug/L			01/13/23 22:01	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/13/23 22:01	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/13/23 22:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/13/23 22:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/13/23 22:01	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/13/23 22:01	1
1,2-Dichloroethene, Total	12		2.0	0.81	ug/L			01/13/23 22:01	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/13/23 22:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/13/23 22:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/13/23 22:01	1
1,4-Dioxane	ND		40	9.3	ug/L			01/13/23 22:01	1
2-Butanone (MEK)	ND	**+	10	1.3	ug/L			01/13/23 22:01	1
2-Hexanone	ND		10	1.2	ug/L			01/13/23 22:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/13/23 22:01	1
Acetone	ND		10	3.0	ug/L			01/13/23 22:01	1
Acetonitrile	ND		170	4.9	ug/L			01/13/23 22:01	1
Acrolein	ND		20	0.91	ug/L			01/13/23 22:01	1
Acrylonitrile	ND		20	0.83	ug/L			01/13/23 22:01	1
Allyl chloride	ND		2.0	0.44	ug/L			01/13/23 22:01	1
Benzene	ND		2.0	0.41	ug/L			01/13/23 22:01	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/13/23 22:01	1
Bromoform	ND		2.0	0.26	ug/L			01/13/23 22:01	1
Bromomethane	ND		2.0	0.69	ug/L			01/13/23 22:01	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/13/23 22:01	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/13/23 22:01	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/13/23 22:01	1
Chloroethane	ND		2.0	0.32	ug/L			01/13/23 22:01	1
Chloroform	ND		2.0	0.34	ug/L			01/13/23 22:01	1
Chloromethane	ND		2.0	0.35	ug/L			01/13/23 22:01	1
Chloroprene	ND		1.0	0.49	ug/L			01/13/23 22:01	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/13/23 22:01	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/13/23 22:01	1
Dibromomethane	ND		2.0	0.41	ug/L			01/13/23 22:01	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/13/23 22:01	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/13/23 22:01	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/13/23 22:01	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/13/23 22:01	1
Iodomethane	ND		2.0	0.30	ug/L			01/13/23 22:01	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/13/23 22:01	1
Methacrylonitrile	ND	**+	10	0.69	ug/L			01/13/23 22:01	1
Methyl methacrylate	ND		10	0.61	ug/L			01/13/23 22:01	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/13/23 22:01	1
Naphthalene	ND		1.0	0.43	ug/L			01/13/23 22:01	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/13/23 22:01	1
Propionitrile	ND		50	5.8	ug/L			01/13/23 22:01	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: U-6

Date Collected: 01/11/23 11:45

Lab Sample ID: 480-205432-13

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/13/23 22:01	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/13/23 22:01	1
Tetrahydrofuran	ND	++	5.0	1.3	ug/L			01/13/23 22:01	1
Toluene	ND		2.0	0.51	ug/L			01/13/23 22:01	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/13/23 22:01	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/13/23 22:01	1
Trichloroethene	ND		2.0	0.46	ug/L			01/13/23 22:01	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/13/23 22:01	1
Vinyl acetate	ND	++	10	0.85	ug/L			01/13/23 22:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/13/23 22:01	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/13/23 22:01	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		115		77 - 120				01/13/23 22:01	1
4-Bromofluorobenzene (Surr)		96		73 - 120				01/13/23 22:01	1
Toluene-d8 (Surr)		95		80 - 120				01/13/23 22:01	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 05:57	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 05:57	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:41	1	
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:41	1	
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:41	1	
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:41	1	
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:41	1	
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:41	1	
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:41	1	
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
DCB Decachlorobiphenyl		80		19 - 120				01/17/23 08:17	01/19/23 07:41	1
Tetrachloro-m-xylene		83		39 - 121				01/17/23 08:17	01/19/23 07:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	4.5		1.0	0.43	mg/L			01/30/23 23:27	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.89				SU			01/11/23 11:45	1
Field Conductivity	1114				umhos/cm			01/11/23 11:45	1
Field Temperature	14.8				Degrees C			01/11/23 11:45	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Date Collected: 01/11/23 13:00

Lab Sample ID: 480-205433-1

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 11:35	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 11:35	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 11:35	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 11:35	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/16/23 11:35	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 11:35	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 11:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 11:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 11:35	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 11:35	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 11:35	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/16/23 11:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 11:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 11:35	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 11:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 11:35	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 11:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 11:35	1
Acetone	ND		10	3.0	ug/L			01/16/23 11:35	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 11:35	1
Acrolein	ND		20	0.91	ug/L			01/16/23 11:35	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 11:35	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 11:35	1
Benzene	ND		2.0	0.41	ug/L			01/16/23 11:35	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 11:35	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 11:35	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 11:35	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 11:35	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 11:35	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 11:35	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 11:35	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 11:35	1
Chloromethane	ND		2.0	0.35	ug/L			01/16/23 11:35	1
Chloroprene	ND		1.0	0.49	ug/L			01/16/23 11:35	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/16/23 11:35	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/16/23 11:35	1
Dibromomethane	ND		2.0	0.41	ug/L			01/16/23 11:35	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/16/23 11:35	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/16/23 11:35	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/16/23 11:35	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/16/23 11:35	1
Iodomethane	ND		2.0	0.30	ug/L			01/16/23 11:35	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/16/23 11:35	1
Methacrylonitrile	ND		10	0.69	ug/L			01/16/23 11:35	1
Methyl methacrylate	ND		10	0.61	ug/L			01/16/23 11:35	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/16/23 11:35	1
Naphthalene	ND		1.0	0.43	ug/L			01/16/23 11:35	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/16/23 11:35	1
Propionitrile	ND		50	5.8	ug/L			01/16/23 11:35	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-6

Date Collected: 01/11/23 13:00

Lab Sample ID: 480-205433-1

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/16/23 11:35	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/16/23 11:35	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/16/23 11:35	1
Toluene	ND		2.0	0.51	ug/L			01/16/23 11:35	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/16/23 11:35	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/16/23 11:35	1
Trichloroethene	ND		2.0	0.46	ug/L			01/16/23 11:35	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/16/23 11:35	1
Vinyl acetate	ND		10	0.85	ug/L			01/16/23 11:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/23 11:35	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/16/23 11:35	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		119		77 - 120				01/16/23 11:35	1
4-Bromofluorobenzene (Surr)		109		73 - 120				01/16/23 11:35	1
Toluene-d8 (Surr)		103		80 - 120				01/16/23 11:35	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 06:36	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 06:36	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:54	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:54	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:54	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:54	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 07:54	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:54	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 07:54	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		42		19 - 120			01/17/23 08:17	01/19/23 07:54	1
Tetrachloro-m-xylene		82		39 - 121			01/17/23 08:17	01/19/23 07:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	9.8		1.0	0.43	mg/L			01/31/23 16:49	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.70			SU				01/11/23 13:00	1
Field Conductivity	455			umhos/cm				01/11/23 13:00	1
Field Temperature	4.3			Degrees C				01/11/23 13:00	1
Field Turbidity	21.0			NTU				01/11/23 13:00	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-12

Date Collected: 01/11/23 13:25

Lab Sample ID: 480-205433-2

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 11:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 11:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 11:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 11:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/16/23 11:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 11:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 11:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 11:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 11:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 11:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 11:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/16/23 11:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 11:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 11:59	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 11:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 11:59	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 11:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 11:59	1
Acetone	ND		10	3.0	ug/L			01/16/23 11:59	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 11:59	1
Acrolein	ND		20	0.91	ug/L			01/16/23 11:59	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 11:59	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 11:59	1
Benzene	ND		2.0	0.41	ug/L			01/16/23 11:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 11:59	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 11:59	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 11:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 11:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 11:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 11:59	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 11:59	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 11:59	1
Chloromethane	ND		2.0	0.35	ug/L			01/16/23 11:59	1
Chloroprene	ND		1.0	0.49	ug/L			01/16/23 11:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/16/23 11:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/16/23 11:59	1
Dibromomethane	ND		2.0	0.41	ug/L			01/16/23 11:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/16/23 11:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/16/23 11:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/16/23 11:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/16/23 11:59	1
Iodomethane	ND		2.0	0.30	ug/L			01/16/23 11:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/16/23 11:59	1
Methacrylonitrile	ND		10	0.69	ug/L			01/16/23 11:59	1
Methyl methacrylate	ND		10	0.61	ug/L			01/16/23 11:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/16/23 11:59	1
Naphthalene	ND		1.0	0.43	ug/L			01/16/23 11:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/16/23 11:59	1
Propionitrile	ND		50	5.8	ug/L			01/16/23 11:59	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-12

Date Collected: 01/11/23 13:25

Lab Sample ID: 480-205433-2

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/16/23 11:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/16/23 11:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/16/23 11:59	1
Toluene	ND		2.0	0.51	ug/L			01/16/23 11:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/16/23 11:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/16/23 11:59	1
Trichloroethene	ND		2.0	0.46	ug/L			01/16/23 11:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/16/23 11:59	1
Vinyl acetate	ND		10	0.85	ug/L			01/16/23 11:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/23 11:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/16/23 11:59	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		116		77 - 120				01/16/23 11:59	1
4-Bromofluorobenzene (Surr)		102		73 - 120				01/16/23 11:59	1
Toluene-d8 (Surr)		101		80 - 120				01/16/23 11:59	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 06:56	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 06:56	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:07	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:07	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:07	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:07	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:07	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 08:07	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 08:07	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		52		19 - 120			01/17/23 08:17	01/19/23 08:07	1
Tetrachloro-m-xylene		81		39 - 121			01/17/23 08:17	01/19/23 08:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	5.5		1.0	0.43	mg/L			01/31/23 17:18	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.95			SU				01/11/23 13:25	1
Field Conductivity	605			umhos/cm				01/11/23 13:25	1
Field Temperature	4.4			Degrees C				01/11/23 13:25	1
Field Turbidity	5.33			NTU				01/11/23 13:25	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Lab Sample ID: 480-205433-3

Date Collected: 01/11/23 13:40

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 12:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 12:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 12:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 12:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/16/23 12:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 12:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 12:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 12:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 12:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 12:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 12:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/16/23 12:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 12:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 12:23	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 12:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 12:23	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 12:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 12:23	1
Acetone	ND		10	3.0	ug/L			01/16/23 12:23	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 12:23	1
Acrolein	ND		20	0.91	ug/L			01/16/23 12:23	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 12:23	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 12:23	1
Benzene	ND		2.0	0.41	ug/L			01/16/23 12:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 12:23	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 12:23	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 12:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 12:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 12:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 12:23	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 12:23	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 12:23	1
Chloromethane	ND		2.0	0.35	ug/L			01/16/23 12:23	1
Chloroprene	ND		1.0	0.49	ug/L			01/16/23 12:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/16/23 12:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/16/23 12:23	1
Dibromomethane	ND		2.0	0.41	ug/L			01/16/23 12:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/16/23 12:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/16/23 12:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/16/23 12:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/16/23 12:23	1
Iodomethane	ND		2.0	0.30	ug/L			01/16/23 12:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/16/23 12:23	1
Methacrylonitrile	ND		10	0.69	ug/L			01/16/23 12:23	1
Methyl methacrylate	ND		10	0.61	ug/L			01/16/23 12:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/16/23 12:23	1
Naphthalene	ND		1.0	0.43	ug/L			01/16/23 12:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/16/23 12:23	1
Propionitrile	ND		50	5.8	ug/L			01/16/23 12:23	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-10

Date Collected: 01/11/23 13:40

Lab Sample ID: 480-205433-3

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/16/23 12:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/16/23 12:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/16/23 12:23	1
Toluene	ND		2.0	0.51	ug/L			01/16/23 12:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/16/23 12:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/16/23 12:23	1
Trichloroethene	ND		2.0	0.46	ug/L			01/16/23 12:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/16/23 12:23	1
Vinyl acetate	ND		10	0.85	ug/L			01/16/23 12:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/23 12:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/16/23 12:23	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		119		77 - 120				01/16/23 12:23	1
4-Bromofluorobenzene (Surr)		112		73 - 120				01/16/23 12:23	1
Toluene-d8 (Surr)		104		80 - 120				01/16/23 12:23	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 07:15	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 07:15	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:47	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:47	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:47	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:47	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 08:47	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 08:47	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 08:47	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		45		19 - 120			01/17/23 08:17	01/19/23 08:47	1
Tetrachloro-m-xylene		78		39 - 121			01/17/23 08:17	01/19/23 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	10.2		1.0	0.43	mg/L			01/31/23 20:09	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.72			SU				01/11/23 13:40	1
Field Conductivity	427			umhos/cm				01/11/23 13:40	1
Field Temperature	4.2			Degrees C				01/11/23 13:40	1
Field Turbidity	22.4			NTU				01/11/23 13:40	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Date Collected: 01/11/23 14:10

Lab Sample ID: 480-205433-4

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 12:47	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 12:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 12:47	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 12:47	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/16/23 12:47	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 12:47	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 12:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 12:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 12:47	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 12:47	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 12:47	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/16/23 12:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 12:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 12:47	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 12:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 12:47	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 12:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 12:47	1
Acetone	ND		10	3.0	ug/L			01/16/23 12:47	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 12:47	1
Acrolein	ND		20	0.91	ug/L			01/16/23 12:47	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 12:47	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 12:47	1
Benzene	ND		2.0	0.41	ug/L			01/16/23 12:47	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 12:47	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 12:47	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 12:47	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 12:47	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 12:47	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 12:47	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 12:47	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 12:47	1
Chloromethane	ND		2.0	0.35	ug/L			01/16/23 12:47	1
Chloroprene	ND		1.0	0.49	ug/L			01/16/23 12:47	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/16/23 12:47	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/16/23 12:47	1
Dibromomethane	ND		2.0	0.41	ug/L			01/16/23 12:47	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/16/23 12:47	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/16/23 12:47	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/16/23 12:47	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/16/23 12:47	1
Iodomethane	ND		2.0	0.30	ug/L			01/16/23 12:47	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/16/23 12:47	1
Methacrylonitrile	ND		10	0.69	ug/L			01/16/23 12:47	1
Methyl methacrylate	ND		10	0.61	ug/L			01/16/23 12:47	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/16/23 12:47	1
Naphthalene	ND		1.0	0.43	ug/L			01/16/23 12:47	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/16/23 12:47	1
Propionitrile	ND		50	5.8	ug/L			01/16/23 12:47	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-2

Date Collected: 01/11/23 14:10

Lab Sample ID: 480-205433-4

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/16/23 12:47	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/16/23 12:47	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/16/23 12:47	1
Toluene	ND		2.0	0.51	ug/L			01/16/23 12:47	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/16/23 12:47	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/16/23 12:47	1
Trichloroethene	ND		2.0	0.46	ug/L			01/16/23 12:47	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/16/23 12:47	1
Vinyl acetate	ND		10	0.85	ug/L			01/16/23 12:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/23 12:47	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/16/23 12:47	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121	S1+		77 - 120				01/16/23 12:47	1
4-Bromofluorobenzene (Surr)	111			73 - 120				01/16/23 12:47	1
Toluene-d8 (Surr)	104			80 - 120				01/16/23 12:47	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0076	ug/L		01/22/23 13:36	01/23/23 07:35	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 13:36	01/23/23 07:35	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:01	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:01	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:01	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:01	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:01	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 09:01	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 09:01	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	51			19 - 120			01/17/23 08:17	01/19/23 09:01	1
Tetrachloro-m-xylene	85			39 - 121			01/17/23 08:17	01/19/23 09:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	10.4		1.0	0.43	mg/L			01/31/23 21:06	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.77				SU			01/11/23 14:10	1
Field Conductivity	424				umhos/cm			01/11/23 14:10	1
Field Temperature	4.5				Degrees C			01/11/23 14:10	1
Field Turbidity	23.9				NTU			01/11/23 14:10	1

Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-9

Lab Sample ID: 480-205433-5

Date Collected: 01/11/23 14:40

Matrix: Water

Date Received: 01/12/23 10:00

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 13:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 13:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 13:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 13:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/16/23 13:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 13:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 13:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 13:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 13:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 13:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 13:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/16/23 13:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 13:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 13:11	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 13:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 13:11	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 13:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 13:11	1
Acetone	ND		10	3.0	ug/L			01/16/23 13:11	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 13:11	1
Acrolein	ND		20	0.91	ug/L			01/16/23 13:11	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 13:11	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 13:11	1
Benzene	ND		2.0	0.41	ug/L			01/16/23 13:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 13:11	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 13:11	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 13:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 13:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 13:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 13:11	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 13:11	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 13:11	1
Chloromethane	ND		2.0	0.35	ug/L			01/16/23 13:11	1
Chloroprene	ND		1.0	0.49	ug/L			01/16/23 13:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/16/23 13:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/16/23 13:11	1
Dibromomethane	ND		2.0	0.41	ug/L			01/16/23 13:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/16/23 13:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/16/23 13:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/16/23 13:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/16/23 13:11	1
Iodomethane	ND		2.0	0.30	ug/L			01/16/23 13:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/16/23 13:11	1
Methacrylonitrile	ND		10	0.69	ug/L			01/16/23 13:11	1
Methyl methacrylate	ND		10	0.61	ug/L			01/16/23 13:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/16/23 13:11	1
Naphthalene	ND		1.0	0.43	ug/L			01/16/23 13:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/16/23 13:11	1
Propionitrile	ND		50	5.8	ug/L			01/16/23 13:11	1

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Client Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Client Sample ID: C-9

Date Collected: 01/11/23 14:40

Lab Sample ID: 480-205433-5

Date Received: 01/12/23 10:00

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			01/16/23 13:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			01/16/23 13:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			01/16/23 13:11	1
Toluene	ND		2.0	0.51	ug/L			01/16/23 13:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			01/16/23 13:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			01/16/23 13:11	1
Trichloroethene	ND		2.0	0.46	ug/L			01/16/23 13:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			01/16/23 13:11	1
Vinyl acetate	ND		10	0.85	ug/L			01/16/23 13:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/16/23 13:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			01/16/23 13:11	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		119		77 - 120				01/16/23 13:11	1
4-Bromofluorobenzene (Surr)		108		73 - 120				01/16/23 13:11	1
Toluene-d8 (Surr)		103		80 - 120				01/16/23 13:11	1

Method: EPA 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 07:54	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 07:54	1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:14	1
PCB-1221	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:14	1
PCB-1232	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:14	1
PCB-1242	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:14	1
PCB-1248	ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 09:14	1
PCB-1254	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 09:14	1
PCB-1260	ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 09:14	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		49		19 - 120			01/17/23 08:17	01/19/23 09:14	1
Tetrachloro-m-xylene		78		39 - 121			01/17/23 08:17	01/19/23 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon (SW846 9060A)	11.1		1.0	0.43	mg/L			01/31/23 21:34	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.83			SU				01/11/23 14:40	1
Field Conductivity	401			umhos/cm				01/11/23 14:40	1
Field Temperature	4.7			Degrees C				01/11/23 14:40	1
Field Turbidity	25.1			NTU				01/11/23 14:40	1

Surrogate Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
480-205393-1	LD-1	119	109	101
480-205393-2	LD-2	117	104	100
480-205393-3	LD-3	120	109	102
480-205393-4	LD-4	123 S1+	102	100
480-205394-1	U-22A	120	111	103
480-205394-2	U-21A	121 S1+	104	100
480-205394-3	U-21	120	109	103
480-205394-4	U-22	122 S1+	108	103
480-205394-5	U-23	121 S1+	110	102
480-205394-6	U-24	122 S1+	107	103
480-205394-7	U-14	117	106	100
480-205394-8	U-19	120	107	103
480-205394-9	U-20	121 S1+	110	103
480-205394-10	U-11	119	105	102
480-205394-11	U-12	119	108	103
480-205394-12	DUP TSCA1	117	105	100
480-205394-17	U-26	118	108	104
480-205394-18	U-25	119	102	99
480-205394-20	TRIP BLANK	119	110	104
480-205432-1	U-17	111	96	94
480-205432-2	U-4	113	98	97
480-205432-3	U-3	112	95	94
480-205432-4	DUP TSCA 3	112	95	94
480-205432-5	U-10	113	96	93
480-205432-6	DUP TSCA 2	112	97	96
480-205432-7	U-13	113	97	96
480-205432-8	U-16	113	98	96
480-205432-9	U-18	113	97	95
480-205432-10	U-15	115	96	95
480-205432-11	FIELD BLANK TSCA	113	97	95
480-205432-12	U-5	113	97	96
480-205432-12 MS	U-5	104	111	94
480-205432-12 MSD	U-5	120	106	90
480-205432-13	U-6	115	96	95
480-205433-1	C-6	119	109	103
480-205433-2	C-12	116	102	101
480-205433-3	C-10	119	112	104
480-205433-4	C-2	121 S1+	111	104
480-205433-5	C-9	119	108	103
LCS 480-655747/12	Lab Control Sample	118	106	100
LCS 480-655893/5	Lab Control Sample	115	110	105
LCS 480-655948/5	Lab Control Sample	120	98	93
LCS 480-656032/5	Lab Control Sample	117	108	101
LCSD 480-655747/35	Lab Control Sample Dup	118	109	101
LCSD 480-655893/26	Lab Control Sample Dup	120	109	102
LCSD 480-655948/6	Lab Control Sample Dup	114	101	94
MB 480-655747/14	Method Blank	120	109	104
MB 480-655893/7	Method Blank	120	108	102
MB 480-655948/8	Method Blank	108	97	96

Eurofins Buffalo

Surrogate Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (77-120)	BFB (73-120)	TOL (80-120)
MB 480-656032/7	Method Blank	120	109	104
Surrogate Legend				
DCA = 1,2-Dichloroethane-d4 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				
TOL = Toluene-d8 (Surr)				

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP1 (19-120)	TCX1 (39-121)
480-205393-1	LD-1	87	103
480-205393-2	LD-2	70	80
480-205393-3	LD-3	78	99
480-205393-4	LD-4	76	100
480-205394-1	U-22A	104	128 S1+
480-205394-2	U-21A	76	83
480-205394-3	U-21	94	90
480-205394-5	U-23	78	100
480-205394-6	U-24	75	82
480-205394-7	U-14	78	83
480-205394-8	U-19	77	79
480-205394-9	U-20	67	76
480-205394-10	U-11	65	66
480-205394-11	U-12	66	77
480-205394-12	DUP TSCA1	65	80
480-205394-17	U-26	61	85
480-205394-18	U-25	58	76
LCS 480-656039/2-A	Lab Control Sample	34	81
LCSD 480-656039/3-A	Lab Control Sample Dup	25	70
MB 480-656039/1-A	Method Blank	36	62

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2 (19-120)	TCX2 (39-121)
480-205394-4	U-22	70	72
480-205432-1	U-17	79	75
480-205432-2	U-4	79	79
480-205432-3	U-3	65	69
480-205432-4	DUP TSCA 3	79	72
480-205432-5	U-10	78	71
480-205432-6	DUP TSCA 2	80	79
480-205432-7	U-13	79	82

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Surrogate Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		DCBP2 (19-120)	TCX2 (39-121)
480-205432-8	U-16	71	70
480-205432-9	U-18	77	70
480-205432-10	U-15	82	73
480-205432-11	FIELD BLANK TSCA	69	72
480-205432-12	U-5	76	74
480-205432-12 MS	U-5	48	75
480-205432-12 MSD	U-5	47	67
480-205432-13	U-6	80	83
480-205433-1	C-6	42	82
480-205433-2	C-12	52	81
480-205433-3	C-10	45	78
480-205433-4	C-2	51	85
480-205433-5	C-9	49	78
LCS 480-656150/2-A	Lab Control Sample	40	81
MB 480-656150/1-A	Method Blank	56	75

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-655747/14

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655747

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/12/23 13:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/12/23 13:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/12/23 13:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/12/23 13:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/12/23 13:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/12/23 13:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/12/23 13:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/12/23 13:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/12/23 13:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/12/23 13:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/12/23 13:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/12/23 13:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/12/23 13:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/12/23 13:10	1
1,4-Dioxane	ND		40	9.3	ug/L			01/12/23 13:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/12/23 13:10	1
2-Hexanone	ND		10	1.2	ug/L			01/12/23 13:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/12/23 13:10	1
Acetone	ND		10	3.0	ug/L			01/12/23 13:10	1
Acetonitrile	ND		170	4.9	ug/L			01/12/23 13:10	1
Acrolein	ND		20	0.91	ug/L			01/12/23 13:10	1
Acrylonitrile	ND		20	0.83	ug/L			01/12/23 13:10	1
Allyl chloride	ND		2.0	0.44	ug/L			01/12/23 13:10	1
Benzene	ND		2.0	0.41	ug/L			01/12/23 13:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/12/23 13:10	1
Bromoform	ND		2.0	0.26	ug/L			01/12/23 13:10	1
Bromomethane	ND		2.0	0.69	ug/L			01/12/23 13:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/12/23 13:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/12/23 13:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/12/23 13:10	1
Chloroethane	ND		2.0	0.32	ug/L			01/12/23 13:10	1
Chloroform	ND		2.0	0.34	ug/L			01/12/23 13:10	1
Chloromethane	ND		2.0	0.35	ug/L			01/12/23 13:10	1
Chloroprene	ND		1.0	0.49	ug/L			01/12/23 13:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			01/12/23 13:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			01/12/23 13:10	1
Dibromomethane	ND		2.0	0.41	ug/L			01/12/23 13:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			01/12/23 13:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			01/12/23 13:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			01/12/23 13:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			01/12/23 13:10	1
Iodomethane	ND		2.0	0.30	ug/L			01/12/23 13:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			01/12/23 13:10	1
Methacrylonitrile	ND		10	0.69	ug/L			01/12/23 13:10	1
Methyl methacrylate	ND		10	0.61	ug/L			01/12/23 13:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			01/12/23 13:10	1
Naphthalene	ND		1.0	0.43	ug/L			01/12/23 13:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			01/12/23 13:10	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-655747/14

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655747

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Propionitrile	ND				50	5.8	ug/L			01/12/23 13:10	1
Styrene	ND				2.0	0.73	ug/L			01/12/23 13:10	1
Tetrachloroethene	ND				2.0	0.36	ug/L			01/12/23 13:10	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			01/12/23 13:10	1
Toluene	ND				2.0	0.51	ug/L			01/12/23 13:10	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/12/23 13:10	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/12/23 13:10	1
Trichloroethene	ND				2.0	0.46	ug/L			01/12/23 13:10	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/12/23 13:10	1
Vinyl acetate	ND				10	0.85	ug/L			01/12/23 13:10	1
Vinyl chloride	ND				1.0	0.90	ug/L			01/12/23 13:10	1
Xylenes, Total	ND				3.0	0.66	ug/L			01/12/23 13:10	1
Surrogate		MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	
1,2-Dichloroethane-d4 (Surr)		120				77 - 120					
4-Bromofluorobenzene (Surr)		109				73 - 120					
Toluene-d8 (Surr)		104				80 - 120					

Lab Sample ID: LCS 480-655747/12

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655747

Analyte	Spike Added	LC S	LC S	Result	Qualifier	Unit	D	%Rec	Limits		
		Spike	LC S								
1,1-Dichloroethene	25.0		28.7			ug/L		115	66 - 127		
Benzene	25.0		27.8			ug/L		111	71 - 124		
Chlorobenzene	25.0		25.2			ug/L		101	80 - 120		
Toluene	25.0		25.3			ug/L		101	80 - 122		
Trichloroethene	25.0		27.9			ug/L		112	74 - 123		
Surrogate		LC S	LC S	%Recovery	Qualifier	Limits					
1,2-Dichloroethane-d4 (Surr)		118				77 - 120					
4-Bromofluorobenzene (Surr)		106				73 - 120					
Toluene-d8 (Surr)		100				80 - 120					

Lab Sample ID: LCSD 480-655747/35

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655747

Analyte	Spike Added	LC SD	LC SD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
		LC SD	LC SD								
1,1-Dichloroethene	25.0		27.3			ug/L		109	66 - 127	5	16
Benzene	25.0		26.9			ug/L		108	71 - 124	3	13
Chlorobenzene	25.0		24.1			ug/L		96	80 - 120	5	25
Toluene	25.0		24.5			ug/L		98	80 - 122	3	15
Trichloroethene	25.0		27.4			ug/L		110	74 - 123	2	16
Surrogate		LC SD	LC SD	%Recovery	Qualifier	Limits					
1,2-Dichloroethane-d4 (Surr)		118				77 - 120					
4-Bromofluorobenzene (Surr)		109				73 - 120					

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-655747/35

Matrix: Water

Analysis Batch: 655747

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
Toluene-d8 (Surrogate)	101		80 - 120

Lab Sample ID: MB 480-655893/7

Matrix: Water

Analysis Batch: 655893

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	MB	MB	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier				
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L	1
1,2-Dichloropropene	ND		2.0	0.72	ug/L	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1
1,4-Dioxane	ND		40	9.3	ug/L	1
2-Butanone (MEK)	ND		10	1.3	ug/L	1
2-Hexanone	ND		10	1.2	ug/L	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L	1
Acetone	ND		10	3.0	ug/L	1
Acetonitrile	ND		170	4.9	ug/L	1
Acrolein	ND		20	0.91	ug/L	1
Acrylonitrile	ND		20	0.83	ug/L	1
Allyl chloride	ND		2.0	0.44	ug/L	1
Benzene	ND		2.0	0.41	ug/L	1
Bromodichloromethane	ND		2.0	0.39	ug/L	1
Bromoform	ND		2.0	0.26	ug/L	1
Bromomethane	ND		2.0	0.69	ug/L	1
Carbon disulfide	ND		2.0	0.19	ug/L	1
Carbon tetrachloride	ND		2.0	0.27	ug/L	1
Chlorobenzene	ND		2.0	0.75	ug/L	1
Chloroethane	ND		2.0	0.32	ug/L	1
Chloroform	ND		2.0	0.34	ug/L	1
Chloromethane	ND		2.0	0.35	ug/L	1
Chloroprene	ND		1.0	0.49	ug/L	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L	1
Dibromochloromethane	ND		2.0	0.32	ug/L	1
Dibromomethane	ND		2.0	0.41	ug/L	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L	1
Ethyl methacrylate	ND		2.0	0.59	ug/L	1
Ethylbenzene	ND		2.0	0.74	ug/L	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-655893/7

Matrix: Water

Analysis Batch: 655893

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Iodomethane	ND				2.0	0.30	ug/L			01/13/23 09:56	1
Isobutyl alcohol	ND				1000	4.8	ug/L			01/13/23 09:56	1
Methacrylonitrile	ND				10	0.69	ug/L			01/13/23 09:56	1
Methyl methacrylate	ND				10	0.61	ug/L			01/13/23 09:56	1
Methylene Chloride	ND				2.0	0.44	ug/L			01/13/23 09:56	1
Naphthalene	ND				1.0	0.43	ug/L			01/13/23 09:56	1
Pentachloroethane	ND				1.0	0.34	ug/L			01/13/23 09:56	1
Propionitrile	ND				50	5.8	ug/L			01/13/23 09:56	1
Styrene	ND				2.0	0.73	ug/L			01/13/23 09:56	1
Tetrachloroethene	ND				2.0	0.36	ug/L			01/13/23 09:56	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			01/13/23 09:56	1
Toluene	ND				2.0	0.51	ug/L			01/13/23 09:56	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/13/23 09:56	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/13/23 09:56	1
Trichloroethene	ND				2.0	0.46	ug/L			01/13/23 09:56	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/13/23 09:56	1
Vinyl acetate	ND				10	0.85	ug/L			01/13/23 09:56	1
Vinyl chloride	ND				1.0	0.90	ug/L			01/13/23 09:56	1
Xylenes, Total	ND				3.0	0.66	ug/L			01/13/23 09:56	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dichloroethane-d4 (Surr)	120		120		77 - 120			01/13/23 09:56	1
4-Bromofluorobenzene (Surr)	108		108		73 - 120			01/13/23 09:56	1
Toluene-d8 (Surr)	102		102		80 - 120			01/13/23 09:56	1

Lab Sample ID: LCS 480-655893/5

Matrix: Water

Analysis Batch: 655893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spikes	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	
	Added	Result	Qualifier							
1,1-Dichloroethene		25.0		27.9		ug/L		112	66 - 127	
Benzene		25.0		27.0		ug/L		108	71 - 124	
Chlorobenzene		25.0		25.6		ug/L		102	80 - 120	
Toluene		25.0		25.5		ug/L		102	80 - 122	
Trichloroethene		25.0		27.4		ug/L		110	74 - 123	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits	
	Result	Qualifier				
1,2-Dichloroethane-d4 (Surr)	115		115		77 - 120	
4-Bromofluorobenzene (Surr)	110		110		73 - 120	
Toluene-d8 (Surr)	105		105		80 - 120	

Lab Sample ID: LCSD 480-655893/26

Matrix: Water

Analysis Batch: 655893

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spikes	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	
	Added	Result	Qualifier							
1,1-Dichloroethene		25.0		27.9		ug/L		112	66 - 127	0
Benzene		25.0		27.3		ug/L		109	71 - 124	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-655893/26

Client Sample ID: Lab Control Sample Dup

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655893

Analyte		Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
		Added	Result	Qualifier							
Chlorobenzene		25.0	25.0		ug/L	100	80 - 120		2		25
Toluene		25.0	25.0		ug/L	100	80 - 122		2		15
Trichloroethene		25.0	27.5		ug/L	110	74 - 123		0		16

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	120		77 - 120
4-Bromofluorobenzene (Surr)	109		73 - 120
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: MB 480-655948/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655948

Analyte	MB	MB	Dil Fac							
	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	
1,1,1,2-Tetrachloroethane	ND		1	2.0	0.35	ug/L			01/13/23 13:38	
1,1,1-Trichloroethane	ND		1	2.0	0.82	ug/L			01/13/23 13:38	
1,1,2,2-Tetrachloroethane	ND		1	2.0	0.21	ug/L			01/13/23 13:38	
1,1,2-Trichloroethane	ND		1	2.0	0.23	ug/L			01/13/23 13:38	
1,1-Dichloroethane	ND		1	2.0	0.38	ug/L			01/13/23 13:38	
1,1-Dichloroethene	ND		1	2.0	0.29	ug/L			01/13/23 13:38	
1,2,3-Trichloropropane	ND		1	2.0	0.89	ug/L			01/13/23 13:38	
1,2,4-Trichlorobenzene	ND		1	1.0	0.41	ug/L			01/13/23 13:38	
1,2-Dichlorobenzene	ND		1	1.0	0.79	ug/L			01/13/23 13:38	
1,2-Dichloroethane	ND		1	2.0	0.21	ug/L			01/13/23 13:38	
1,2-Dichloroethene, Total	ND		1	2.0	0.81	ug/L			01/13/23 13:38	
1,2-Dichloropropane	ND		1	2.0	0.72	ug/L			01/13/23 13:38	
1,3-Dichlorobenzene	ND		1	1.0	0.78	ug/L			01/13/23 13:38	
1,4-Dichlorobenzene	ND		1	1.0	0.84	ug/L			01/13/23 13:38	
1,4-Dioxane	ND		1	40	9.3	ug/L			01/13/23 13:38	
2-Butanone (MEK)	ND		1	10	1.3	ug/L			01/13/23 13:38	
2-Hexanone	ND		1	10	1.2	ug/L			01/13/23 13:38	
4-Methyl-2-pentanone (MIBK)	ND		1	10	2.1	ug/L			01/13/23 13:38	
Acetone	ND		1	10	3.0	ug/L			01/13/23 13:38	
Acetonitrile	ND		1	170	4.9	ug/L			01/13/23 13:38	
Acrolein	ND		1	20	0.91	ug/L			01/13/23 13:38	
Acrylonitrile	ND		1	20	0.83	ug/L			01/13/23 13:38	
Allyl chloride	ND		1	2.0	0.44	ug/L			01/13/23 13:38	
Benzene	ND		1	2.0	0.41	ug/L			01/13/23 13:38	
Bromodichloromethane	ND		1	2.0	0.39	ug/L			01/13/23 13:38	
Bromoform	ND		1	2.0	0.26	ug/L			01/13/23 13:38	
Bromomethane	ND		1	2.0	0.69	ug/L			01/13/23 13:38	
Carbon disulfide	ND		1	2.0	0.19	ug/L			01/13/23 13:38	
Carbon tetrachloride	ND		1	2.0	0.27	ug/L			01/13/23 13:38	
Chlorobenzene	ND		1	2.0	0.75	ug/L			01/13/23 13:38	
Chloroethane	ND		1	2.0	0.32	ug/L			01/13/23 13:38	
Chloroform	ND		1	2.0	0.34	ug/L			01/13/23 13:38	
Chloromethane	ND		1	2.0	0.35	ug/L			01/13/23 13:38	
Chloroprene	ND		1	1.0	0.49	ug/L			01/13/23 13:38	

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-655948/8

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655948

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			01/13/23 13:38	1
Dibromochloromethane	ND				2.0	0.32	ug/L			01/13/23 13:38	1
Dibromomethane	ND				2.0	0.41	ug/L			01/13/23 13:38	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			01/13/23 13:38	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			01/13/23 13:38	1
Ethylbenzene	ND				2.0	0.74	ug/L			01/13/23 13:38	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			01/13/23 13:38	1
Iodomethane	ND				2.0	0.30	ug/L			01/13/23 13:38	1
Isobutyl alcohol	ND				1000	4.8	ug/L			01/13/23 13:38	1
Methacrylonitrile	ND				10	0.69	ug/L			01/13/23 13:38	1
Methyl methacrylate	ND				10	0.61	ug/L			01/13/23 13:38	1
Methylene Chloride	ND				2.0	0.44	ug/L			01/13/23 13:38	1
Naphthalene	ND				1.0	0.43	ug/L			01/13/23 13:38	1
Pentachloroethane	ND				1.0	0.34	ug/L			01/13/23 13:38	1
Propionitrile	ND				50	5.8	ug/L			01/13/23 13:38	1
Styrene	ND				2.0	0.73	ug/L			01/13/23 13:38	1
Tetrachloroethene	ND				2.0	0.36	ug/L			01/13/23 13:38	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			01/13/23 13:38	1
Toluene	ND				2.0	0.51	ug/L			01/13/23 13:38	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/13/23 13:38	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/13/23 13:38	1
Trichloroethene	ND				2.0	0.46	ug/L			01/13/23 13:38	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/13/23 13:38	1
Vinyl acetate	ND				10	0.85	ug/L			01/13/23 13:38	1
Vinyl chloride	ND				1.0	0.90	ug/L			01/13/23 13:38	1
Xylenes, Total	ND				3.0	0.66	ug/L			01/13/23 13:38	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		108		77 - 120			1
4-Bromofluorobenzene (Surr)	97		97		73 - 120			1
Toluene-d8 (Surr)	96		96		80 - 120			1

Lab Sample ID: LCS 480-655948/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 655948

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits
	Added								
1,1-Dichloroethene		25.0		23.9		ug/L		95	66 - 127
Benzene		25.0		23.0		ug/L		92	71 - 124
Chlorobenzene		25.0		22.2		ug/L		89	80 - 120
Toluene		25.0		22.6		ug/L		90	80 - 122
Trichloroethene		25.0		24.3		ug/L		97	74 - 123

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	120		120		77 - 120
4-Bromofluorobenzene (Surr)	98		98		73 - 120
Toluene-d8 (Surr)	93		93		80 - 120

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-655948/6

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 655948

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD RPD	RPD Limit
1,1-Dichloroethene	25.0	22.7		ug/L		91	66 - 127	5	16
Benzene	25.0	22.1		ug/L		88	71 - 124	4	13
Chlorobenzene	25.0	22.2		ug/L		89	80 - 120	0	25
Toluene	25.0	22.2		ug/L		89	80 - 122	2	15
Trichloroethylene	25.0	23.1		ug/L		92	74 - 123	5	16

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	114		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	94		80 - 120

Lab Sample ID: MB 480-656032/7

Client Sample ID: Method Blank

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 656032

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			01/16/23 10:13	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			01/16/23 10:13	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			01/16/23 10:13	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			01/16/23 10:13	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			01/16/23 10:13	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			01/16/23 10:13	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			01/16/23 10:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/16/23 10:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/16/23 10:13	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			01/16/23 10:13	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			01/16/23 10:13	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			01/16/23 10:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/16/23 10:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/16/23 10:13	1
1,4-Dioxane	ND		40	9.3	ug/L			01/16/23 10:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/16/23 10:13	1
2-Hexanone	ND		10	1.2	ug/L			01/16/23 10:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			01/16/23 10:13	1
Acetone	ND		10	3.0	ug/L			01/16/23 10:13	1
Acetonitrile	ND		170	4.9	ug/L			01/16/23 10:13	1
Acrolein	ND		20	0.91	ug/L			01/16/23 10:13	1
Acrylonitrile	ND		20	0.83	ug/L			01/16/23 10:13	1
Allyl chloride	ND		2.0	0.44	ug/L			01/16/23 10:13	1
Benzene	ND		2.0	0.41	ug/L			01/16/23 10:13	1
Bromodichloromethane	ND		2.0	0.39	ug/L			01/16/23 10:13	1
Bromoform	ND		2.0	0.26	ug/L			01/16/23 10:13	1
Bromomethane	ND		2.0	0.69	ug/L			01/16/23 10:13	1
Carbon disulfide	ND		2.0	0.19	ug/L			01/16/23 10:13	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			01/16/23 10:13	1
Chlorobenzene	ND		2.0	0.75	ug/L			01/16/23 10:13	1
Chloroethane	ND		2.0	0.32	ug/L			01/16/23 10:13	1
Chloroform	ND		2.0	0.34	ug/L			01/16/23 10:13	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-656032/7

Matrix: Water

Analysis Batch: 656032

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Chloromethane	ND				2.0	0.35	ug/L			01/16/23 10:13	1
Chloroprene	ND				1.0	0.49	ug/L			01/16/23 10:13	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			01/16/23 10:13	1
Dibromochloromethane	ND				2.0	0.32	ug/L			01/16/23 10:13	1
Dibromomethane	ND				2.0	0.41	ug/L			01/16/23 10:13	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			01/16/23 10:13	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			01/16/23 10:13	1
Ethylbenzene	ND				2.0	0.74	ug/L			01/16/23 10:13	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			01/16/23 10:13	1
Iodomethane	ND				2.0	0.30	ug/L			01/16/23 10:13	1
Isobutyl alcohol	ND				1000	4.8	ug/L			01/16/23 10:13	1
Methacrylonitrile	ND				10	0.69	ug/L			01/16/23 10:13	1
Methyl methacrylate	ND				10	0.61	ug/L			01/16/23 10:13	1
Methylene Chloride	ND				2.0	0.44	ug/L			01/16/23 10:13	1
Naphthalene	ND				1.0	0.43	ug/L			01/16/23 10:13	1
Pentachloroethane	ND				1.0	0.34	ug/L			01/16/23 10:13	1
Propionitrile	ND				50	5.8	ug/L			01/16/23 10:13	1
Styrene	ND				2.0	0.73	ug/L			01/16/23 10:13	1
Tetrachloroethene	ND				2.0	0.36	ug/L			01/16/23 10:13	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			01/16/23 10:13	1
Toluene	ND				2.0	0.51	ug/L			01/16/23 10:13	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			01/16/23 10:13	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			01/16/23 10:13	1
Trichloroethene	ND				2.0	0.46	ug/L			01/16/23 10:13	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			01/16/23 10:13	1
Vinyl acetate	ND				10	0.85	ug/L			01/16/23 10:13	1
Vinyl chloride	ND				1.0	0.90	ug/L			01/16/23 10:13	1
Xylenes, Total	ND				3.0	0.66	ug/L			01/16/23 10:13	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	120		120		77 - 120		01/16/23 10:13	1
4-Bromofluorobenzene (Surr)	109		109		73 - 120		01/16/23 10:13	1
Toluene-d8 (Surr)	104		104		80 - 120		01/16/23 10:13	1

Lab Sample ID: LCS 480-656032/5

Matrix: Water

Analysis Batch: 656032

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spikes	LCS	LCS	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Added	Result	Qualifier								
1,1-Dichloroethene				25.0	28.8		ug/L		115	66 - 127	
Benzene				25.0	27.7		ug/L		111	71 - 124	
Chlorobenzene				25.0	24.9		ug/L		100	80 - 120	
Toluene				25.0	25.0		ug/L		100	80 - 122	
Trichloroethene				25.0	28.2		ug/L		113	74 - 123	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits
	Result	Qualifier			
1,2-Dichloroethane-d4 (Surr)	117		117		77 - 120
4-Bromofluorobenzene (Surr)	108		108		73 - 120

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-656032/5

Matrix: Water

Analysis Batch: 656032

Surrogate	LCS	LCS
	%Recovery	Qualifier
Toluene-d8 (Surr)	101	80 - 120

Lab Sample ID: 480-205432-12 MS

Matrix: Water

Analysis Batch: 656032

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
1,1-Dichloroethene	ND		25.0	23.1		ug/L		92	66 - 127
Benzene	ND		25.0	26.5		ug/L		106	71 - 124
Chlorobenzene	ND		25.0	22.2		ug/L		89	80 - 120
Toluene	ND		25.0	21.0		ug/L		84	80 - 122
Trichloroethene	ND		25.0	24.6		ug/L		98	74 - 123

Surrogate	MS	MS
	%Recovery	Qualifier
1,2-Dichloroethane-d4 (Surr)	104	77 - 120
4-Bromofluorobenzene (Surr)	111	73 - 120
Toluene-d8 (Surr)	94	80 - 120

Lab Sample ID: 480-205432-12 MSD

Matrix: Water

Analysis Batch: 656032

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1-Dichloroethene	ND		25.0	26.6		ug/L		107	66 - 127	14	16
Benzene	ND		25.0	26.5		ug/L		106	71 - 124	0	13
Chlorobenzene	ND		25.0	23.2		ug/L		93	80 - 120	5	25
Toluene	ND		25.0	20.7		ug/L		83	80 - 122	1	15
Trichloroethene	ND		25.0	26.6		ug/L		106	74 - 123	8	16

Surrogate	MSD	MSD
	%Recovery	Qualifier
1,2-Dichloroethane-d4 (Surr)	120	77 - 120
4-Bromofluorobenzene (Surr)	106	73 - 120
Toluene-d8 (Surr)	90	80 - 120

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-656639/1-A

Matrix: Water

Analysis Batch: 656641

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 656639

Analyte	MB	MB							
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.011	0.0077	ug/L		01/22/23 12:59	01/22/23 16:31	1
1,2-Dibromo-3-Chloropropane	ND		0.011	0.0058	ug/L		01/22/23 12:59	01/22/23 16:31	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: LCS 480-656639/2-A

Matrix: Water

Analysis Batch: 656641

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				
1,2-Dibromoethane	0.109	0.0793		ug/L		73	46 - 150
1,2-Dibromo-3-Chloropropane	0.109	0.0786		ug/L		72	43 - 150

Lab Sample ID: LCSD 480-656639/3-A

Matrix: Water

Analysis Batch: 656641

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD
	Added	Result	Qualifier					
1,2-Dibromoethane	0.110	0.112		ug/L		103	46 - 150	34
1,2-Dibromo-3-Chloropropane	0.110	0.117		ug/L		107	43 - 150	40

Lab Sample ID: MB 480-656640/1-A

Matrix: Water

Analysis Batch: 656641

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		01/22/23 13:36	01/23/23 00:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		01/22/23 13:36	01/23/23 00:23	1

Lab Sample ID: LCS 480-656640/2-A

Matrix: Water

Analysis Batch: 656641

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
	Added	Result	Qualifier				
1,2-Dibromoethane	0.109	0.0737		ug/L		68	46 - 150
1,2-Dibromo-3-Chloropropane	0.109	0.0726		ug/L		67	43 - 150

Lab Sample ID: 480-205432-12 MS

Matrix: Water

Analysis Batch: 656641

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec
	Result	Qualifier	Added	Result	Qualifier			
1,2-Dibromoethane	ND		0.109	0.125		ug/L		114
1,2-Dibromo-3-Chloropropane	ND		0.109	0.124		ug/L		114

Lab Sample ID: 480-205432-12 MSD

Matrix: Water

Analysis Batch: 656641

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec
	Result	Qualifier	Added	Result	Qualifier			
1,2-Dibromoethane	ND		0.109	0.122		ug/L		112
1,2-Dibromo-3-Chloropropane	ND		0.109	0.127		ug/L		117

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-656039/1-A

Matrix: Water

Analysis Batch: 656395

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 656039

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
PCB-1016	ND		ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 05:58	1
PCB-1221	ND		ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 05:58	1
PCB-1232	ND		ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 05:58	1
PCB-1242	ND		ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 05:58	1
PCB-1248	ND		ND		0.50	0.18	ug/L		01/16/23 08:27	01/19/23 05:58	1
PCB-1254	ND		ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 05:58	1
PCB-1260	ND		ND		0.50	0.25	ug/L		01/16/23 08:27	01/19/23 05:58	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	36		36		19 - 120	01/16/23 08:27	01/19/23 05:58	1
Tetrachloro-m-xylene	62		62		39 - 121	01/16/23 08:27	01/19/23 05:58	1

Lab Sample ID: LCS 480-656039/2-A

Matrix: Water

Analysis Batch: 656395

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 656039

Analyte	Spike		Result	Qualifier	Unit	D	%Rec	Limits	%Rec	RPD
	Added	Result								
PCB-1016		4.00	3.84		ug/L		96	62 - 130		
PCB-1260		4.00	2.55		ug/L		64	56 - 123		

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	34		34		19 - 120			
Tetrachloro-m-xylene	81		81		39 - 121			

Lab Sample ID: LCSD 480-656039/3-A

Matrix: Water

Analysis Batch: 656743

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 656039

Analyte	Spike		Result	Qualifier	Unit	D	%Rec	Limits	%Rec	RPD
	Added	Result								
PCB-1016		4.00	3.22		ug/L		80	62 - 130	14	50
PCB-1260		4.00	2.29		ug/L		57	56 - 123	0	50

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
DCB Decachlorobiphenyl	25		25		19 - 120			
Tetrachloro-m-xylene	70		70		39 - 121			

Lab Sample ID: MB 480-656150/1-A

Matrix: Water

Analysis Batch: 656393

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 656150

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
PCB-1016	ND		ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 03:55	1
PCB-1221	ND		ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 03:55	1
PCB-1232	ND		ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 03:55	1
PCB-1242	ND		ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 03:55	1
PCB-1248	ND		ND		0.50	0.18	ug/L		01/17/23 08:17	01/19/23 03:55	1
PCB-1254	ND		ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 03:55	1
PCB-1260	ND		ND		0.50	0.25	ug/L		01/17/23 08:17	01/19/23 03:55	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl		56			19 - 120	01/17/23 08:17	01/19/23 03:55	1
Tetrachloro-m-xylene		75			39 - 121	01/17/23 08:17	01/19/23 03:55	1

Lab Sample ID: LCS 480-656150/2-A

Matrix: Water

Analysis Batch: 656393

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 656150

Analyte	Sample	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Added	Result	Qualifier				
PCB-1016		4.00	4.01		ug/L		100	62 - 130
PCB-1260		4.00	2.81		ug/L		70	56 - 123

Surrogate	Sample	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Added	Result	Qualifier				
DCB Decachlorobiphenyl		40	19	- 120				
Tetrachloro-m-xylene		81	39	- 121				

Lab Sample ID: 480-205432-12 MS

Matrix: Water

Analysis Batch: 656393

Client Sample ID: U-5

Prep Type: Total/NA

Prep Batch: 656150

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
PCB-1016	ND		4.00	3.59		ug/L		90	28 - 150
PCB-1260	ND		4.00	2.53		ug/L		63	25 - 131

Surrogate	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Added	Result	Qualifier				
DCB Decachlorobiphenyl		48	19	- 120				
Tetrachloro-m-xylene		75	39	- 121				

Lab Sample ID: 480-205432-12 MSD

Matrix: Water

Analysis Batch: 656393

Client Sample ID: U-5

Prep Type: Total/NA

Prep Batch: 656150

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
PCB-1016	ND		4.00	3.56		ug/L		89	28 - 150	1	50
PCB-1260	ND		4.00	2.53		ug/L		63	25 - 131	0	50

Surrogate	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits
	Result	Added	Result	Qualifier				
DCB Decachlorobiphenyl		47	19	- 120				
Tetrachloro-m-xylene		67	39	- 121				

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-657347/33

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 657347

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND				1.0	0.43	mg/L		01/28/23 06:29		1

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QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: MB 480-657347/9

Matrix: Water

Analysis Batch: 657347

Client Sample ID: Method Blank

Prep Type: Total/NA

Lab Sample ID: LCS 480-657347/10

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 657347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			01/27/23 18:57	1

Lab Sample ID: LCS 480-657347/34

Matrix: Water

Analysis Batch: 657347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	60.0	62.39		mg/L		104	90 - 110

Lab Sample ID: 480-205393-I-1 MS

Matrix: Water

Analysis Batch: 657347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	20.5		23.3	40.99		mg/L		88	54 - 131

Lab Sample ID: 480-205394-1 MS

Matrix: Water

Analysis Batch: 657347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	4.4		23.3	29.59		mg/L		108	54 - 131

Lab Sample ID: 480-205394-11 MS

Matrix: Water

Analysis Batch: 657347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Total Organic Carbon	2.2		23.3	27.23		mg/L		108	54 - 131

Lab Sample ID: 480-205393-I-2 DU

Matrix: Water

Analysis Batch: 657347

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	17.5		23.3	13.13	F3	mg/L		29	20

Lab Sample ID: 480-205394-2 DU

Matrix: Water

Analysis Batch: 657347

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Organic Carbon	2.7		23.3	2.44		mg/L		8	20

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QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-205394-17 DU

Matrix: Water

Analysis Batch: 657347

Client Sample ID: U-26

Prep Type: Total/NA

QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: 480-205432-8 MS

Matrix: Water

Analysis Batch: 657553

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	2.7		23.3	26.15		mg/L		101	54 - 131

Lab Sample ID: 480-205432-12 MS

Matrix: Water

Analysis Batch: 657553

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	4.7		23.3	31.43		mg/L		115	54 - 131

Lab Sample ID: 480-205432-12 MSD

Matrix: Water

Analysis Batch: 657553

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD
	Result	Qualifier	Added	Result	Qualifier					
Total Organic Carbon	4.7		23.3	31.12		mg/L		113	54 - 131	1

Lab Sample ID: 480-205433-3 MS

Matrix: Water

Analysis Batch: 657553

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	RPD
	Result	Qualifier	Added	Result	Qualifier					
Total Organic Carbon	10.2		23.3	36.56		mg/L		113	54 - 131	1

Lab Sample ID: 480-205432-6 DU

Matrix: Water

Analysis Batch: 657553

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	7.5			7.64		mg/L		1	20

Lab Sample ID: 480-205432-9 DU

Matrix: Water

Analysis Batch: 657553

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	3.5			3.37		mg/L		3	20

Lab Sample ID: 480-205433-4 DU

Matrix: Water

Analysis Batch: 657553

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	10.4			10.37		mg/L		0.2	20

Lab Sample ID: MB 480-657585/4

Matrix: Water

Analysis Batch: 657585

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	ND		1.0	0.43	mg/L			01/31/23 15:38	1

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QC Sample Results

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: LCS 480-657585/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 657585

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Organic Carbon	60.0	60.99		mg/L	102	90 - 110	

QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC/MS VOA

Analysis Batch: 655747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205394-1	U-22A	Total/NA	Water	8260C	1
480-205394-2	U-21A	Total/NA	Water	8260C	2
480-205394-3	U-21	Total/NA	Water	8260C	3
480-205394-4	U-22	Total/NA	Water	8260C	4
480-205394-5	U-23	Total/NA	Water	8260C	5
480-205394-6	U-24	Total/NA	Water	8260C	6
MB 480-655747/14	Method Blank	Total/NA	Water	8260C	7
LCS 480-655747/12	Lab Control Sample	Total/NA	Water	8260C	8
LCSD 480-655747/35	Lab Control Sample Dup	Total/NA	Water	8260C	9

Analysis Batch: 655893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-2	LD-2	Total/NA	Water	8260C	10
480-205393-3	LD-3	Total/NA	Water	8260C	11
480-205393-4	LD-4	Total/NA	Water	8260C	12
480-205394-7	U-14	Total/NA	Water	8260C	13
480-205394-8	U-19	Total/NA	Water	8260C	14
480-205394-9	U-20	Total/NA	Water	8260C	15
480-205394-10	U-11	Total/NA	Water	8260C	16
480-205394-11	U-12	Total/NA	Water	8260C	
480-205394-17	U-26	Total/NA	Water	8260C	
480-205394-18	U-25	Total/NA	Water	8260C	
480-205394-20	TRIP BLANK	Total/NA	Water	8260C	
MB 480-655893/7	Method Blank	Total/NA	Water	8260C	
LCS 480-655893/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-655893/26	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 655948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205432-1	U-17	Total/NA	Water	8260C	
480-205432-2	U-4	Total/NA	Water	8260C	
480-205432-3	U-3	Total/NA	Water	8260C	
480-205432-4	DUP TSCA 3	Total/NA	Water	8260C	
480-205432-5	U-10	Total/NA	Water	8260C	
480-205432-6	DUP TSCA 2	Total/NA	Water	8260C	
480-205432-7	U-13	Total/NA	Water	8260C	
480-205432-8	U-16	Total/NA	Water	8260C	
480-205432-9	U-18	Total/NA	Water	8260C	
480-205432-10	U-15	Total/NA	Water	8260C	
480-205432-11	FIELD BLANK TSCA	Total/NA	Water	8260C	
480-205432-12	U-5	Total/NA	Water	8260C	
480-205432-13	U-6	Total/NA	Water	8260C	
MB 480-655948/8	Method Blank	Total/NA	Water	8260C	
LCS 480-655948/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-655948/6	Lab Control Sample Dup	Total/NA	Water	8260C	

Analysis Batch: 656032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-1	LD-1	Total/NA	Water	8260C	
480-205394-12	DUP TSCA1	Total/NA	Water	8260C	
480-205433-1	C-6	Total/NA	Water	8260C	

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC/MS VOA (Continued)

Analysis Batch: 656032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205433-2	C-12	Total/NA	Water	8260C	
480-205433-3	C-10	Total/NA	Water	8260C	
480-205433-4	C-2	Total/NA	Water	8260C	
480-205433-5	C-9	Total/NA	Water	8260C	
MB 480-656032/7	Method Blank	Total/NA	Water	8260C	
LCS 480-656032/5	Lab Control Sample	Total/NA	Water	8260C	
480-205432-12 MS	U-5	Total/NA	Water	8260C	
480-205432-12 MSD	U-5	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 656039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-1	LD-1	Total/NA	Water	3510C	
480-205393-2	LD-2	Total/NA	Water	3510C	
480-205393-3	LD-3	Total/NA	Water	3510C	
480-205393-4	LD-4	Total/NA	Water	3510C	
480-205394-1	U-22A	Total/NA	Water	3510C	
480-205394-2	U-21A	Total/NA	Water	3510C	
480-205394-3	U-21	Total/NA	Water	3510C	
480-205394-5	U-23	Total/NA	Water	3510C	
480-205394-6	U-24	Total/NA	Water	3510C	
480-205394-7	U-14	Total/NA	Water	3510C	
480-205394-8	U-19	Total/NA	Water	3510C	
480-205394-9	U-20	Total/NA	Water	3510C	
480-205394-10	U-11	Total/NA	Water	3510C	
480-205394-11	U-12	Total/NA	Water	3510C	
480-205394-12	DUP TSCA1	Total/NA	Water	3510C	
480-205394-17	U-26	Total/NA	Water	3510C	
480-205394-18	U-25	Total/NA	Water	3510C	
MB 480-656039/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-656039/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-656039/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 656150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205394-4	U-22	Total/NA	Water	3510C	
480-205432-1	U-17	Total/NA	Water	3510C	
480-205432-2	U-4	Total/NA	Water	3510C	
480-205432-3	U-3	Total/NA	Water	3510C	
480-205432-4	DUP TSCA 3	Total/NA	Water	3510C	
480-205432-5	U-10	Total/NA	Water	3510C	
480-205432-6	DUP TSCA 2	Total/NA	Water	3510C	
480-205432-7	U-13	Total/NA	Water	3510C	
480-205432-8	U-16	Total/NA	Water	3510C	
480-205432-9	U-18	Total/NA	Water	3510C	
480-205432-10	U-15	Total/NA	Water	3510C	
480-205432-11	FIELD BLANK TSCA	Total/NA	Water	3510C	
480-205432-12	U-5	Total/NA	Water	3510C	
480-205432-13	U-6	Total/NA	Water	3510C	
480-205433-1	C-6	Total/NA	Water	3510C	

QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC Semi VOA (Continued)

Prep Batch: 656150 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205433-2	C-12	Total/NA	Water	3510C	
480-205433-3	C-10	Total/NA	Water	3510C	
480-205433-4	C-2	Total/NA	Water	3510C	
480-205433-5	C-9	Total/NA	Water	3510C	
MB 480-656150/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-656150/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-205432-12 MS	U-5	Total/NA	Water	3510C	
480-205432-12 MSD	U-5	Total/NA	Water	3510C	

Analysis Batch: 656393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205394-4	U-22	Total/NA	Water	8082A	656150
480-205432-1	U-17	Total/NA	Water	8082A	656150
480-205432-2	U-4	Total/NA	Water	8082A	656150
480-205432-3	U-3	Total/NA	Water	8082A	656150
480-205432-4	DUP TSCA 3	Total/NA	Water	8082A	656150
480-205432-5	U-10	Total/NA	Water	8082A	656150
480-205432-6	DUP TSCA 2	Total/NA	Water	8082A	656150
480-205432-7	U-13	Total/NA	Water	8082A	656150
480-205432-8	U-16	Total/NA	Water	8082A	656150
480-205432-9	U-18	Total/NA	Water	8082A	656150
480-205432-10	U-15	Total/NA	Water	8082A	656150
480-205432-11	FIELD BLANK TSCA	Total/NA	Water	8082A	656150
480-205432-12	U-5	Total/NA	Water	8082A	656150
480-205432-13	U-6	Total/NA	Water	8082A	656150
480-205433-1	C-6	Total/NA	Water	8082A	656150
480-205433-2	C-12	Total/NA	Water	8082A	656150
480-205433-3	C-10	Total/NA	Water	8082A	656150
480-205433-4	C-2	Total/NA	Water	8082A	656150
480-205433-5	C-9	Total/NA	Water	8082A	656150
MB 480-656150/1-A	Method Blank	Total/NA	Water	8082A	656150
LCS 480-656150/2-A	Lab Control Sample	Total/NA	Water	8082A	656150
480-205432-12 MS	U-5	Total/NA	Water	8082A	656150
480-205432-12 MSD	U-5	Total/NA	Water	8082A	656150

Analysis Batch: 656395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-1	LD-1	Total/NA	Water	8082A	656039
480-205393-2	LD-2	Total/NA	Water	8082A	656039
480-205393-3	LD-3	Total/NA	Water	8082A	656039
480-205393-4	LD-4	Total/NA	Water	8082A	656039
480-205394-1	U-22A	Total/NA	Water	8082A	656039
480-205394-2	U-21A	Total/NA	Water	8082A	656039
480-205394-3	U-21	Total/NA	Water	8082A	656039
480-205394-5	U-23	Total/NA	Water	8082A	656039
MB 480-656039/1-A	Method Blank	Total/NA	Water	8082A	656039
LCS 480-656039/2-A	Lab Control Sample	Total/NA	Water	8082A	656039

Prep Batch: 656639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-1	LD-1	Total/NA	Water	8011	

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC Semi VOA (Continued)

Prep Batch: 656639 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-2	LD-2	Total/NA	Water	8011	1
480-205393-3	LD-3	Total/NA	Water	8011	2
480-205393-4	LD-4	Total/NA	Water	8011	3
480-205394-1	U-22A	Total/NA	Water	8011	4
480-205394-2	U-21A	Total/NA	Water	8011	5
480-205394-3	U-21	Total/NA	Water	8011	6
480-205394-4	U-22	Total/NA	Water	8011	7
480-205394-5	U-23	Total/NA	Water	8011	8
480-205394-6	U-24	Total/NA	Water	8011	9
480-205394-7	U-14	Total/NA	Water	8011	10
480-205394-8	U-19	Total/NA	Water	8011	11
480-205394-9	U-20	Total/NA	Water	8011	12
480-205394-10	U-11	Total/NA	Water	8011	13
480-205394-11	U-12	Total/NA	Water	8011	14
480-205394-12	DUP TSCA1	Total/NA	Water	8011	15
480-205394-17	U-26	Total/NA	Water	8011	16
480-205394-18	U-25	Total/NA	Water	8011	17
480-205394-19	TRIP BLANK	Total/NA	Water	8011	18
MB 480-656639/1-A	Method Blank	Total/NA	Water	8011	19
LCS 480-656639/2-A	Lab Control Sample	Total/NA	Water	8011	20
LCSD 480-656639/3-A	Lab Control Sample Dup	Total/NA	Water	8011	21

Prep Batch: 656640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205432-1	U-17	Total/NA	Water	8011	1
480-205432-2	U-4	Total/NA	Water	8011	2
480-205432-3	U-3	Total/NA	Water	8011	3
480-205432-4	DUP TSCA 3	Total/NA	Water	8011	4
480-205432-5	U-10	Total/NA	Water	8011	5
480-205432-6	DUP TSCA 2	Total/NA	Water	8011	6
480-205432-7	U-13	Total/NA	Water	8011	7
480-205432-8	U-16	Total/NA	Water	8011	8
480-205432-9	U-18	Total/NA	Water	8011	9
480-205432-10	U-15	Total/NA	Water	8011	10
480-205432-11	FIELD BLANK TSCA	Total/NA	Water	8011	11
480-205432-12	U-5	Total/NA	Water	8011	12
480-205432-13	U-6	Total/NA	Water	8011	13
480-205433-1	C-6	Total/NA	Water	8011	14
480-205433-2	C-12	Total/NA	Water	8011	15
480-205433-3	C-10	Total/NA	Water	8011	16
480-205433-4	C-2	Total/NA	Water	8011	17
480-205433-5	C-9	Total/NA	Water	8011	18
MB 480-656640/1-A	Method Blank	Total/NA	Water	8011	19
LCS 480-656640/2-A	Lab Control Sample	Total/NA	Water	8011	20
480-205432-12 MS	U-5	Total/NA	Water	8011	21
480-205432-12 MSD	U-5	Total/NA	Water	8011	22

Analysis Batch: 656641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-1	LD-1	Total/NA	Water	8011	656639
480-205393-2	LD-2	Total/NA	Water	8011	656639

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC Semi VOA (Continued)

Analysis Batch: 656641 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-3	LD-3	Total/NA	Water	8011	656639
480-205393-4	LD-4	Total/NA	Water	8011	656639
480-205394-1	U-22A	Total/NA	Water	8011	656639
480-205394-2	U-21A	Total/NA	Water	8011	656639
480-205394-3	U-21	Total/NA	Water	8011	656639
480-205394-4	U-22	Total/NA	Water	8011	656639
480-205394-5	U-23	Total/NA	Water	8011	656639
480-205394-6	U-24	Total/NA	Water	8011	656639
480-205394-7	U-14	Total/NA	Water	8011	656639
480-205394-8	U-19	Total/NA	Water	8011	656639
480-205394-9	U-20	Total/NA	Water	8011	656639
480-205394-10	U-11	Total/NA	Water	8011	656639
480-205394-11	U-12	Total/NA	Water	8011	656639
480-205394-12	DUP TSCA1	Total/NA	Water	8011	656639
480-205394-17	U-26	Total/NA	Water	8011	656639
480-205394-18	U-25	Total/NA	Water	8011	656639
480-205394-19	TRIP BLANK	Total/NA	Water	8011	656639
480-205432-1	U-17	Total/NA	Water	8011	656640
480-205432-2	U-4	Total/NA	Water	8011	656640
480-205432-3	U-3	Total/NA	Water	8011	656640
480-205432-4	DUP TSCA 3	Total/NA	Water	8011	656640
480-205432-5	U-10	Total/NA	Water	8011	656640
480-205432-6	DUP TSCA 2	Total/NA	Water	8011	656640
480-205432-7	U-13	Total/NA	Water	8011	656640
480-205432-8	U-16	Total/NA	Water	8011	656640
480-205432-9	U-18	Total/NA	Water	8011	656640
480-205432-10	U-15	Total/NA	Water	8011	656640
480-205432-11	FIELD BLANK TSCA	Total/NA	Water	8011	656640
480-205432-12	U-5	Total/NA	Water	8011	656640
480-205432-13	U-6	Total/NA	Water	8011	656640
480-205433-1	C-6	Total/NA	Water	8011	656640
480-205433-2	C-12	Total/NA	Water	8011	656640
480-205433-3	C-10	Total/NA	Water	8011	656640
480-205433-4	C-2	Total/NA	Water	8011	656640
480-205433-5	C-9	Total/NA	Water	8011	656640
MB 480-656639/1-A	Method Blank	Total/NA	Water	8011	656639
MB 480-656640/1-A	Method Blank	Total/NA	Water	8011	656640
LCS 480-656639/2-A	Lab Control Sample	Total/NA	Water	8011	656639
LCS 480-656640/2-A	Lab Control Sample	Total/NA	Water	8011	656640
LCSD 480-656639/3-A	Lab Control Sample Dup	Total/NA	Water	8011	656639
480-205432-12 MS	U-5	Total/NA	Water	8011	656640
480-205432-12 MSD	U-5	Total/NA	Water	8011	656640

Analysis Batch: 656743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205394-7	U-14	Total/NA	Water	8082A	656039
480-205394-8	U-19	Total/NA	Water	8082A	656039
480-205394-9	U-20	Total/NA	Water	8082A	656039
480-205394-10	U-11	Total/NA	Water	8082A	656039
480-205394-11	U-12	Total/NA	Water	8082A	656039
480-205394-12	DUP TSCA1	Total/NA	Water	8082A	656039

Eurofins Buffalo

QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

GC Semi VOA (Continued)

Analysis Batch: 656743 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205394-17	U-26	Total/NA	Water	8082A	656039
480-205394-18	U-25	Total/NA	Water	8082A	656039
LCSD 480-656039/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	656039

Analysis Batch: 656867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205394-6	U-24	Total/NA	Water	8082A	656039

General Chemistry

Analysis Batch: 657347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-3	LD-3	Total/NA	Water	9060A	10
480-205393-4	LD-4	Total/NA	Water	9060A	11
480-205394-1	U-22A	Total/NA	Water	9060A	12
480-205394-2	U-21A	Total/NA	Water	9060A	13
480-205394-3	U-21	Total/NA	Water	9060A	14
480-205394-4	U-22	Total/NA	Water	9060A	15
480-205394-5	U-23	Total/NA	Water	9060A	16
480-205394-6	U-24	Total/NA	Water	9060A	
480-205394-7	U-14	Total/NA	Water	9060A	
480-205394-8	U-19	Total/NA	Water	9060A	
480-205394-9	U-20	Total/NA	Water	9060A	
480-205394-10	U-11	Total/NA	Water	9060A	
480-205394-11	U-12	Total/NA	Water	9060A	
480-205394-12	DUP TSCA1	Total/NA	Water	9060A	
480-205394-17	U-26	Total/NA	Water	9060A	
480-205394-18	U-25	Total/NA	Water	9060A	
MB 480-657347/33	Method Blank	Total/NA	Water	9060A	
MB 480-657347/9	Method Blank	Total/NA	Water	9060A	
LCS 480-657347/10	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-657347/34	Lab Control Sample	Total/NA	Water	9060A	
480-205393-I-1 MS	480-205393-I-1 MS	Total/NA	Water	9060A	
480-205394-1 MS	U-22A	Total/NA	Water	9060A	
480-205394-11 MS	U-12	Total/NA	Water	9060A	
480-205393-I-2 DU	480-205393-I-2 DU	Total/NA	Water	9060A	
480-205394-2 DU	U-21A	Total/NA	Water	9060A	
480-205394-17 DU	U-26	Total/NA	Water	9060A	

Analysis Batch: 657553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205432-1	U-17	Total/NA	Water	9060A	
480-205432-2	U-4	Total/NA	Water	9060A	
480-205432-3	U-3	Total/NA	Water	9060A	
480-205432-4	DUP TSCA 3	Total/NA	Water	9060A	
480-205432-5	U-10	Total/NA	Water	9060A	
480-205432-6	DUP TSCA 2	Total/NA	Water	9060A	
480-205432-7	U-13	Total/NA	Water	9060A	
480-205432-8	U-16	Total/NA	Water	9060A	
480-205432-9	U-18	Total/NA	Water	9060A	
480-205432-10	U-15	Total/NA	Water	9060A	

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

General Chemistry (Continued)

Analysis Batch: 657553 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205432-11	FIELD BLANK TSCA	Total/NA	Water	9060A	1
480-205432-12	U-5	Total/NA	Water	9060A	2
480-205432-13	U-6	Total/NA	Water	9060A	3
480-205433-1	C-6	Total/NA	Water	9060A	4
480-205433-2	C-12	Total/NA	Water	9060A	5
480-205433-3	C-10	Total/NA	Water	9060A	6
480-205433-4	C-2	Total/NA	Water	9060A	7
480-205433-5	C-9	Total/NA	Water	9060A	8
MB 480-657553/33	Method Blank	Total/NA	Water	9060A	9
MB 480-657553/57	Method Blank	Total/NA	Water	9060A	10
MB 480-657553/9	Method Blank	Total/NA	Water	9060A	11
LCS 480-657553/10	Lab Control Sample	Total/NA	Water	9060A	12
LCS 480-657553/34	Lab Control Sample	Total/NA	Water	9060A	13
LCS 480-657553/58	Lab Control Sample	Total/NA	Water	9060A	14
480-205432-5 MS	U-10	Total/NA	Water	9060A	15
480-205432-8 MS	U-16	Total/NA	Water	9060A	16
480-205432-12 MS	U-5	Total/NA	Water	9060A	17
480-205432-12 MSD	U-5	Total/NA	Water	9060A	18
480-205433-3 MS	C-10	Total/NA	Water	9060A	19
480-205432-6 DU	DUP TSCA 2	Total/NA	Water	9060A	20
480-205432-9 DU	U-18	Total/NA	Water	9060A	21
480-205433-4 DU	C-2	Total/NA	Water	9060A	22

Analysis Batch: 657585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-1	LD-1	Total/NA	Water	9060A	1
480-205393-2	LD-2	Total/NA	Water	9060A	2
MB 480-657585/4	Method Blank	Total/NA	Water	9060A	3
LCS 480-657585/5	Lab Control Sample	Total/NA	Water	9060A	4

Field Service / Mobile Lab

Analysis Batch: 656472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205393-1	LD-1	Total/NA	Water	Field Sampling	1
480-205393-2	LD-2	Total/NA	Water	Field Sampling	2
480-205393-3	LD-3	Total/NA	Water	Field Sampling	3
480-205393-4	LD-4	Total/NA	Water	Field Sampling	4
480-205394-1	U-22A	Total/NA	Water	Field Sampling	5
480-205394-2	U-21A	Total/NA	Water	Field Sampling	6
480-205394-3	U-21	Total/NA	Water	Field Sampling	7
480-205394-4	U-22	Total/NA	Water	Field Sampling	8
480-205394-5	U-23	Total/NA	Water	Field Sampling	9
480-205394-6	U-24	Total/NA	Water	Field Sampling	10
480-205394-7	U-14	Total/NA	Water	Field Sampling	11
480-205394-8	U-19	Total/NA	Water	Field Sampling	12
480-205394-9	U-20	Total/NA	Water	Field Sampling	13
480-205394-10	U-11	Total/NA	Water	Field Sampling	14
480-205394-11	U-12	Total/NA	Water	Field Sampling	15
480-205394-12	DUP TSCA1	Total/NA	Water	Field Sampling	16
480-205394-17	U-26	Total/NA	Water	Field Sampling	17

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QC Association Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Field Service / Mobile Lab (Continued)

Analysis Batch: 656472 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205394-18	U-25	Total/NA	Water	Field Sampling	1
480-205432-1	U-17	Total/NA	Water	Field Sampling	2
480-205432-2	U-4	Total/NA	Water	Field Sampling	3
480-205432-3	U-3	Total/NA	Water	Field Sampling	4
480-205432-4	DUP TSCA 3	Total/NA	Water	Field Sampling	5
480-205432-5	U-10	Total/NA	Water	Field Sampling	6
480-205432-6	DUP TSCA 2	Total/NA	Water	Field Sampling	7
480-205432-7	U-13	Total/NA	Water	Field Sampling	8
480-205432-8	U-16	Total/NA	Water	Field Sampling	9
480-205432-9	U-18	Total/NA	Water	Field Sampling	10
480-205432-10	U-15	Total/NA	Water	Field Sampling	11
480-205432-11	FIELD BLANK TSCA	Total/NA	Water	Field Sampling	12
480-205432-13	U-6	Total/NA	Water	Field Sampling	13
480-205433-1	C-6	Total/NA	Water	Field Sampling	14
480-205433-2	C-12	Total/NA	Water	Field Sampling	15
480-205433-3	C-10	Total/NA	Water	Field Sampling	16
480-205433-4	C-2	Total/NA	Water	Field Sampling	
480-205433-5	C-9	Total/NA	Water	Field Sampling	

Analysis Batch: 656512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-205432-12	U-5	Total/NA	Water	Field Sampling	14
480-205432-12 MS	U-5	Total/NA	Water	Field Sampling	15
480-205432-12 MSD	U-5	Total/NA	Water	Field Sampling	16

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: LD-1

Date Collected: 01/09/23 14:51

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205393-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	656032	CB	EET BUF	01/16/23 10:47
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 17:30
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 06:38
Total/NA	Analysis	9060A		1	657585	KER	EET BUF	01/31/23 17:34
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 14:51

Client Sample ID: LD-2

Date Collected: 01/09/23 15:00

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205393-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 12:55
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 17:50
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 06:52
Total/NA	Analysis	9060A		1	657585	KER	EET BUF	01/31/23 18:04
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 15:00

Client Sample ID: LD-3

Date Collected: 01/09/23 17:15

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205393-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 13:19
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 18:10
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 07:05
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/27/23 22:46
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 17:15

Client Sample ID: LD-4

Date Collected: 01/09/23 16:35

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205393-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 13:44
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 18:29
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 07:18

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: LD-4

Date Collected: 01/09/23 16:35

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205393-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/27/23 23:15
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 16:35

Client Sample ID: U-22A

Date Collected: 01/09/23 10:18

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655747	CB	EET BUF	01/12/23 18:30
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 18:49
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 07:32
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 01:10
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 10:18

Client Sample ID: U-21A

Date Collected: 01/09/23 10:46

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655747	CB	EET BUF	01/12/23 18:55
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 19:09
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 07:45
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 02:07
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 10:46

Client Sample ID: U-21

Date Collected: 01/09/23 11:51

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655747	CB	EET BUF	01/12/23 19:19
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 19:48
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 07:58
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 02:36
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 11:51

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-22

Date Collected: 01/09/23 12:18

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655747	CB	EET BUF	01/12/23 19:43
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 20:08
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 05:01
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 03:05
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 12:18

Client Sample ID: U-23

Date Collected: 01/09/23 13:21

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655747	CB	EET BUF	01/12/23 20:08
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 20:28
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656395	NC	EET BUF	01/19/23 08:25
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 03:34
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 13:21

Client Sample ID: U-24

Date Collected: 01/09/23 13:51

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655747	CB	EET BUF	01/12/23 20:32
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 20:47
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656867	NC	EET BUF	01/24/23 22:27
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 04:03
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 13:51

Client Sample ID: U-14

Date Collected: 01/10/23 09:35

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 14:08
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 21:07
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 19:28

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-14

Date Collected: 01/10/23 09:35

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 04:32
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 09:35

Client Sample ID: U-19

Date Collected: 01/10/23 10:34

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 14:32
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 21:27
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 19:41
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 05:01
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 10:34

Client Sample ID: U-20

Date Collected: 01/10/23 10:57

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 14:56
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 21:46
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 19:55
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 07:26
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 10:57

Client Sample ID: U-11

Date Collected: 01/10/23 12:04

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 15:19
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 22:06
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 20:08
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 07:55
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 12:04

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-12

Date Collected: 01/10/23 12:38

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 15:43
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 22:26
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 20:21
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 08:53
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 12:38

Client Sample ID: DUP TSCA1

Date Collected: 01/10/23 12:04

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	656032	CB	EET BUF	01/16/23 11:11
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 22:45
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 20:35
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 10:47
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 12:04

Client Sample ID: U-26

Date Collected: 01/09/23 15:39

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 16:32
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 23:24
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 20:48
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 09:50
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/09/23 15:39

Client Sample ID: U-25

Date Collected: 01/10/23 08:55

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 16:56
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/22/23 23:44
Total/NA	Prep	3510C			656039	MS	EET BUF	01/16/23 08:27
Total/NA	Analysis	8082A		1	656743	NC	EET BUF	01/23/23 21:02

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-25

Date Collected: 01/10/23 08:55

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	657347	KER	EET BUF	01/28/23 10:19
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 08:55

Client Sample ID: TRIP BLANK

Date Collected: 01/10/23 00:00

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	8011			656639	DSC	EET BUF	01/22/23 12:59
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 00:04

Client Sample ID: TRIP BLANK

Date Collected: 01/10/23 00:00

Date Received: 01/11/23 10:00

Lab Sample ID: 480-205394-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655893	CB	EET BUF	01/13/23 17:21

Client Sample ID: U-17

Date Collected: 01/10/23 17:31

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 16:50
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 01:03
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 05:15
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/30/23 23:55
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 17:31

Client Sample ID: U-4

Date Collected: 01/11/23 09:10

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 17:23
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 01:22
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 05:28
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 00:23
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 09:10

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-3

Date Collected: 01/11/23 10:00

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 17:42
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 01:42
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 05:41
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 08:24
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 10:00

Client Sample ID: DUP TSCA 3

Date Collected: 01/11/23 10:00

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 18:04
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 02:01
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 05:55
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 08:52
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 10:00

Client Sample ID: U-10

Date Collected: 01/10/23 14:36

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 18:26
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 02:21
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 06:08
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 09:48
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 14:36

Client Sample ID: DUP TSCA 2

Date Collected: 01/10/23 14:36

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 18:54
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 03:00
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 06:21

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Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: DUP TSCA 2

Date Collected: 01/10/23 14:36

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 10:43
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 14:36

Client Sample ID: U-13

Date Collected: 01/10/23 15:09

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 19:37
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 03:20
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 06:34
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 13:04
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 15:09

Client Sample ID: U-16

Date Collected: 01/10/23 16:05

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 20:00
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 03:39
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 06:48
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 13:59
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 16:05

Client Sample ID: U-18

Date Collected: 01/10/23 16:29

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 20:21
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 03:59
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 07:01
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 14:56
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 16:29

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-15

Date Collected: 01/10/23 17:04

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 20:49
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 04:19
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 07:14
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 15:25
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/10/23 17:04

Client Sample ID: FIELD BLANK TSCA

Date Collected: 01/11/23 12:20

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 21:20
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 04:38
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 07:28
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/30/23 21:06
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 12:20

Client Sample ID: U-5

Date Collected: 01/11/23 10:49

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 21:40
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 04:58
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 04:48
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/30/23 22:30
Total/NA	Analysis	Field Sampling		1	656512	FLD	EET BUF	01/11/23 10:49

Client Sample ID: U-6

Date Collected: 01/11/23 11:45

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	655948	AXK	EET BUF	01/13/23 22:01
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 05:57
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 07:41

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: U-6

Date Collected: 01/11/23 11:45

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205432-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/30/23 23:27
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 11:45

Client Sample ID: C-6

Date Collected: 01/11/23 13:00

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205433-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	656032	CB	EET BUF	01/16/23 11:35
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 06:36
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 07:54
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 16:49
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 13:00

Client Sample ID: C-12

Date Collected: 01/11/23 13:25

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205433-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	656032	CB	EET BUF	01/16/23 11:59
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 06:56
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 08:07
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 17:18
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 13:25

Client Sample ID: C-10

Date Collected: 01/11/23 13:40

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205433-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	656032	CB	EET BUF	01/16/23 12:23
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 07:15
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 08:47
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 20:09
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 13:40

Eurofins Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Client Sample ID: C-2

Date Collected: 01/11/23 14:10

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205433-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	656032	CB	EET BUF	01/16/23 12:47
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 07:35
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 09:01
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 21:06
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 14:10

Client Sample ID: C-9

Date Collected: 01/11/23 14:40

Date Received: 01/12/23 10:00

Lab Sample ID: 480-205433-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	656032	CB	EET BUF	01/16/23 13:11
Total/NA	Prep	8011			656640	DSC	EET BUF	01/22/23 13:36
Total/NA	Analysis	8011		1	656641	DSC	EET BUF	01/23/23 07:54
Total/NA	Prep	3510C			656150	MS	EET BUF	01/17/23 08:17
Total/NA	Analysis	8082A		1	656393	W1T	EET BUF	01/19/23 09:14
Total/NA	Analysis	9060A		1	657553	KER	EET BUF	01/31/23 21:34
Total/NA	Analysis	Field Sampling		1	656472	FLD	EET BUF	01/11/23 14:40

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Eurofins Buffalo

Accreditation/Certification Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-0686	07-06-22 *
Connecticut	State	PH-0568	03-31-24
Florida	NELAP	E87672	06-30-23
Georgia	State	10026 (NY)	04-01-23
Georgia	State Program	N/A	03-31-09 *
Georgia (DW)	State	956	03-31-23
Illinois	NELAP	200003	09-30-23
Iowa	State	374	03-01-23
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-23
Kentucky (DW)	State	90029	12-31-22 *
Kentucky (UST)	State	30	04-01-23
Kentucky (WW)	State	KY90029	12-31-22 *
Louisiana	NELAP	02031	06-30-23
Louisiana (All)	NELAP	02031	06-30-23
Maine	State	NY00044	12-04-22 *
Maryland	State	294	03-31-23
Massachusetts	State	M-NY044	06-30-23
Michigan	State	9937	03-31-23
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-22 *
New Jersey	NELAP	NY455	06-30-23
New York	NELAP	10026	03-31-23
Pennsylvania	NELAP	68-00281	07-31-23
Rhode Island	State	LAO00328	12-30-22 *
Tennessee	State	02970	04-01-23
Texas	NELAP	T104704412-18-10	07-31-23
USDA	US Federal Programs	P330-18-00039	03-25-24
Virginia	NELAP	460185	09-14-23
Washington	State	C784	02-10-23
Wisconsin	State	998310390	08-31-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Buffalo

Method Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - TSCA Quarterly

Job ID: 480-205393-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8011	EDB and DBCP in Water by Microextraction	EPA	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET BUF
9060A	Organic Carbon, Total (TOC)	SW846	EET BUF
Field Sampling	Field Sampling	EPA	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
8011	Microextraction	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

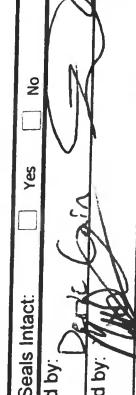
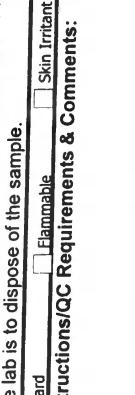
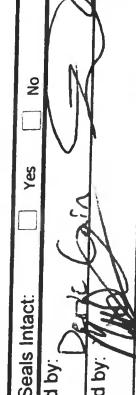
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
480-205393-1	LD-1	Water	01/09/23 14:51	01/11/23 10:00	1
480-205393-2	LD-2	Water	01/09/23 15:00	01/11/23 10:00	2
480-205393-3	LD-3	Water	01/09/23 17:15	01/11/23 10:00	3
480-205393-4	LD-4	Water	01/09/23 16:35	01/11/23 10:00	4
480-205394-1	U-22A	Water	01/09/23 10:18	01/11/23 10:00	5
480-205394-2	U-21A	Water	01/09/23 10:46	01/11/23 10:00	6
480-205394-3	U-21	Water	01/09/23 11:51	01/11/23 10:00	7
480-205394-4	U-22	Water	01/09/23 12:18	01/11/23 10:00	8
480-205394-5	U-23	Water	01/09/23 13:21	01/11/23 10:00	9
480-205394-6	U-24	Water	01/09/23 13:51	01/11/23 10:00	10
480-205394-7	U-14	Water	01/10/23 09:35	01/11/23 10:00	11
480-205394-8	U-19	Water	01/10/23 10:34	01/11/23 10:00	12
480-205394-9	U-20	Water	01/10/23 10:57	01/11/23 10:00	13
480-205394-10	U-11	Water	01/10/23 12:04	01/11/23 10:00	14
480-205394-11	U-12	Water	01/10/23 12:38	01/11/23 10:00	15
480-205394-12	DUP TSCA1	Water	01/10/23 12:04	01/11/23 10:00	16
480-205394-17	U-26	Water	01/09/23 15:39	01/11/23 10:00	17
480-205394-18	U-25	Water	01/10/23 08:55	01/11/23 10:00	18
480-205394-19	TRIP BLANK	Water	01/10/23 00:00	01/11/23 10:00	19
480-205394-20	TRIP BLANK	Water	01/10/23 00:00	01/11/23 10:00	20
480-205432-1	U-17	Water	01/10/23 17:31	01/12/23 10:00	21
480-205432-2	U-4	Water	01/11/23 09:10	01/12/23 10:00	22
480-205432-3	U-3	Water	01/11/23 10:00	01/12/23 10:00	23
480-205432-4	DUP TSCA 3	Water	01/11/23 10:00	01/12/23 10:00	24
480-205432-5	U-10	Water	01/10/23 14:36	01/12/23 10:00	25
480-205432-6	DUP TSCA 2	Water	01/10/23 14:36	01/12/23 10:00	26
480-205432-7	U-13	Water	01/10/23 15:09	01/12/23 10:00	27
480-205432-8	U-16	Water	01/10/23 16:05	01/12/23 10:00	28
480-205432-9	U-18	Water	01/10/23 16:29	01/12/23 10:00	29
480-205432-10	U-15	Water	01/10/23 17:04	01/12/23 10:00	30
480-205432-11	FIELD BLANK TSCA	Water	01/11/23 12:20	01/12/23 10:00	31
480-205432-12	U-5	Water	01/11/23 10:49	01/12/23 10:00	32
480-205432-13	U-6	Water	01/11/23 11:45	01/12/23 10:00	33
480-205433-1	C-6	Water	01/11/23 13:00	01/12/23 10:00	34
480-205433-2	C-12	Water	01/11/23 13:25	01/12/23 10:00	35
480-205433-3	C-10	Water	01/11/23 13:40	01/12/23 10:00	36
480-205433-4	C-2	Water	01/11/23 14:10	01/12/23 10:00	37
480-205433-5	C-9	Water	01/11/23 14:40	01/12/23 10:00	38

Chain of Custody Record

Eurofins - Buffalo
Amherst, NY 14228
(716) 581-0000

Ph. (716) 504-9852 Fax: (716) 691-7991

En An

Client Contact		Project Manager: Mike Gibson		Site Contact: Butch Bradburn		Date:
Eagon & Associates, Inc. 100 W. Old Wilson Bridge Rd, Suite 115 North京ton, Ohio 43085		Email: mgibson@eagoninc.com Tel/Fax: (614) 888-5760/5763		Lab Contact: Brian Fischer		Carrier:
<input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input checked="" type="checkbox"/> Other:		Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		VOCs (8260C) VOCs (8011) TOC (9060A) PCBs (8082A)		Sample Specific Notes:
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.
LD-1		1-9-23	14:51	Grab	GW	10
LD-2		1-9-23	15:00	G	GW	10
LD-3		1-9-23	17:15	G	GW	10
LD-4		1-9-23	16:35	G	GW	10
U-26		1-9-23	15:39	G	GW	10
U-25		1-10-23	08:55	G	GW	10
Trap Blank		—	—	W	2	X
Trap Blank		—	—	W	2	X
Fifteen Samples (Y/N)						
Filtered Sample (Y/N)  480-205393 Chain of Custody						
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant Special Instructions/QC Requirements & Comments: 						
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) 2 2 2 6 <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for Months						
Cooler Temp. (°C); Obs'd.: Received by:  Company: Eagon & Associates, Inc. Date/Time: 1-10-23 14:50 Company: Eurofins Date/Time: 1/10/23 15:10 Company:  Received in Laboratory by:  Date/Time: Company:  Date/Time:  Date/Time:  Date/Time:  Date/Time: Date/Time: <img alt="Signature" data-bbox="1760						

:\Projects\CECOS-Aber Board\General\Eurofire\GOC

Regulatory Program:

333 N. Zeeb Rd., Ste. 100 • Southfield, MI 48075-4033 • (800) 547-4747 • Fax: (734) 432-1234

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Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2022

1
2
3
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6

Initial

Chain of Custody Record

Eurofins - Buffalo

Amherst, NY 14228

Ph. (716) 504-9852 Fax: (716) 691-7991

eurofins

Environment Testing
America

205

DW NPDES RCRA Other:

TestAmerica Laboratories, Inc. db/a Eurofins TestAmerica

COC No. _____ of _____ COCs

TALS Project #: _____

Sampler: *D. Fischer*For Lab Use Only: Walk-in Client: Lab Sampling:

Job / SDG No.: _____

Site Contact: Butch Bradburn Date: _____

Lab Contact: Brian Fischer Carrier: _____

Analysis Turnaround Time

CALENDAR DAYS WORKING DAYS

TAT if different from Below _____

2 weeks 1 week 2 days 1 day

Sample Specific Notes:

Filtred Sample (Y/N)

VOCs (8260C)

TOC (9060A)

PCBs (8082A)

VOCs (8011)

Project Manager: Mike Gibson

Email: mgibson@eagoninc.com

Tel/Fax: (614) 888-5760/5763

Client Contact

Eagon & Associates, Inc.

100 W. Old Wilson Bridge Rd, Suite 115

Worthington, Ohio 43085

(614) 888-5760 Phone

(614) 888-5763 FAX

Project Name: TSCA - Quarterly Sampling

Site: CEOOS-Aber Rd

PO #

Sample Identification

Sample Date

Sample Time

Sample Type (C=Comp, G=Grab)

Matrix

of Cont.

Filtred Sample

Notes

LD-1

1-9-23 14:57

Grab

6w

10

N

X

X

LD-2

1-9-23 15:00

G

6w

10

N

X

X

LD-3

1-9-23 17:15

G

6w

10

N

X

X

LD-4

1-9-23 16:35

G

6w

10

N

X

X

U-26

1-9-23 15:39

G

6w

10

N

X

X

U-25

1-10-23 08:55

G

6w

10

N

X

X

Trip Blank

—

—

6w

2

N

X

Trip Blank

—

—

6w

2

N

X

Preservation Used: 1=Ice, 2=HCl; 3=H₂SO₄; 4=HNO₃; 5=NaOH; 6=Other

Possible Hazard identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments

Section if the lab is to dispose of the sample.

 Non-Hazard Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: Yes NoRelinquished by: *Mike Gibson*

Company: Eagon & Associates, Inc.

Date/Time: 1-10-23 14:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 14:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Relinquished by: *Mike Fischer*

Company: Eurofins

Date/Time: 1-10-23 15:00

Received by: *Mike Fischer*Corrid: *1111231000*

Therm ID No.: _____

Date/Time: 1-10-23 15:00

Columbus 209

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record

Environment T
America



Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/2

Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAm

Client Contact		Project Manager: Mike Gibson Email: mgibson@eagoninc.com Tel/Fax: (614) 888-5760/5763		Site Contact: Butch Bradburn Lab Contact: Brian Fischer Carrier:		Date: _____ COC No: _____ of _____ COCs	
Eagon & Associates, Inc. 100 W. Old Wilson Bridge Rd. Suite 115 Worthington, Ohio 43085 (614) 888-5760 Phone (614) 888-5763 FAX Project Name: TSCA - Quarterly Sampling Site: CECOS-Aber Rd PO #		Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		VOCs (8260C) TOC (9060A) PCBs (8082A)		TALS Project #: D.C.A For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No.: _____	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp. G=Grab)	Matrix	# of Cont.	Sample Specific Notes:
U-17		1-10-23	17:31	Grab	G	10	X X X X X X X X X X
U-1		1-11-23	09:10	G	G	10	/ X X X X X X X X X X
U-3		1-11-23	10:00	G	G	10	/ X X X X X X X X X X
Dup TSCA 3		1-11-23	10:00	G	G	10	/ X X X X X X X X X X
Matrix Spike 10-11-23 TSCA		1-11-23	10:49	G	G	10	/ X X X X X X X X X X
Matrix Spike TSCA Dup		1-11-23	10:49	G	G	10	/ X X X X X X X X X X
Preservation Used: 1=Ice, 2=HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other						2 2 2 6	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample							
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant							
Special Instructions/QC Requirements & Comments:							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____		Cooler Temp. (°C): Obs'd: _____		Corrid: _____	Therm ID No.: _____
Relinquished by: Detlevia <i>Detlevia</i>		Company: Eagon & Associates, Inc.		Date/Time: 1-11-23 17:20	Received by: <i>Butch Bradburn</i>	Company: <i>Eurofins</i>	Date/Time: 1-11-23 17:20
Relinquished by: <i>Detlevia</i>		Company: <i>Eurofins</i>		Date/Time: 1-11-23 18:08	Received by: <i>Detlevia</i>	Company: <i>Eurofins</i>	Date/Time: 1-11-23 18:08
Relinquished by: <i>Detlevia</i>		Company: <i>Eurofins</i>		Date/Time: 1-11-23 18:08	Received in Laboratory by: <i>Detlevia</i>	Company: <i>Eurofins</i>	Date/Time: 1-11-23 18:08
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____		Cooler Temp. (°C): Obs'd: _____		Corrid: _____	Therm ID No.: _____
Relinquished by: Detlevia <i>Detlevia</i>		Company: Eagon & Associates, Inc.		Date/Time: 1-11-23 17:20	Received by: <i>Butch Bradburn</i>	Company: <i>Eurofins</i>	Date/Time: 1-11-23 17:20
Relinquished by: <i>Detlevia</i>		Company: <i>Eurofins</i>		Date/Time: 1-11-23 18:08	Received by: <i>Detlevia</i>	Company: <i>Eurofins</i>	Date/Time: 1-11-23 18:08
Relinquished by: <i>Detlevia</i>		Company: <i>Eurofins</i>		Date/Time: 1-11-23 18:08	Received in Laboratory by: <i>Detlevia</i>	Company: <i>Eurofins</i>	Date/Time: 1-11-23 18:08

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Columbus 209

Eurofins - Buffalo
Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Chain of Custody Record

Environment Test
America



Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc. d/b/a Eurofins TestAme

COC No. _____ of _____ COCs

TALS Project #:

Sampler: D.C.1

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Site Contact: Butch Bradburn Date:

Carrier:

Lab Contact: Brian Fischer

Carrier:

Carrier:

Carrier:

Carrier:

Sample Specific Notes:

Analysis Turnaround Time

CALENDAR DAYS

WORKING DAYS

TAT if different from Below _____

2 weeks

1 week

2 days

1 day

VOCs (8260C)

VOCs (8011)

TOC (9060A)

PCBs (8082A)

Filtred Sample (Y/N)

Project Manager: Mike Gibson

Email: mgibson@eagoninc.com

Tel/Fax: (614) 888-5760/5763

Sample Identification

Sample Date

Sample Time

Sample Type (C=Comp, G=Grab)

Matrix

of Cont.

Grab

10

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Chain of Custody Record

Amherst, NY 14228
Ph. (716) 504-9852 Fax: (716) 691-7991

Environment
Europe
America

TOMMANI - L'ESPRESSO - 10

Form No. CA-C-WI-002, Rev. 4.35, dated 10/6/20

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Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-205393-1

Login Number: 205393

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON & ASSOC.
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-205393-1

Login Number: 205394

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON & ASSOC.
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-205393-1

Login Number: 205432

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON & ASSOC.
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-205393-1

Login Number: 205433

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON & ASSOC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Quantitation Limit Exceptions Summary

Client: Republic Services Inc

Job ID: 480-205393-1

Project/Site: Aber Rd. Landfill - TSCA Quarterly

The requested project specific reporting limits listed below were less than laboratory standard quantitation limits (PQL) but greater than or equal to the laboratory method detection limits (MDL). It must be noted that results reported below lab standard quantitation limits may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Analyte	Matrix	Prep Type	Unit	Client RL	Lab PQL
8260C	Hexachlorobutadiene	Water	Total/NA	ug/L	1.0	2.0

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: LID-1
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Strndg/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/9/23
Start Time: 14:36
End Time: 14:51
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch SS PVC

Personnel Present: D.C. in
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 37° / Cloudy / High E

Sampling

Date: 1/9/23
Time Sampled: 14:51
Sample Appearance: Clear
No odor

Personnel Present: D.C. in
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 37° / Cloudy / High E

Comments: Purge and Sample water effervescent

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>14.9</u>	<u>6.33</u>	<u>2610</u>	

Container Number	Size ml	Type pVgl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature:

Date: 1/9/23

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

LEAK DETECTOR FIELD LOG

Page# 1

Sample Location: LD-2
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Standg/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baler Other: _____

Evacuation:

Date: 1/9/23
Start Time: 14:05
End Time: 14:09
Purge Rate: 18.75 gpm
Volume Purged: 75 gal
Purged Dry: Yes
Casing: inch SS PVC

Personnel Present: D.C.n
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 37°C/Cloudy/9 mph E

Sampling

Date: 1/9/23
Time Sampled: 15:00
Sample Appearance: Clear
No odor

Personnel Present: D.C.n
Depth to Water: ft.
Recharge Rate: gal.
Filter #: Diss O₂:

Weather Conditions: 37°C/Cloudy/9 mph E

Comments: Purge and sample water off gaseous

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.1</u>	<u>6.45</u>	<u>1774</u>	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/9/23

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

LEAK DETECTOR FIELD LOG

Page#

Sample Location: LD-3
Sampling Program:
TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other:

Evacuation:

Date: 1/9/23
Start Time: 16:45
End Time: 17:15
Purge Rate: 1.67 gpm
Volume Purged: 700 gal.
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present: D.C.n
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 39°/Cloudy/8 mph E

Sampling

Date: 1/9/23
Time Sampled: 17:15
Sample Appearance: Clear
No odor

Personnel Present: D.C.n
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 39°/Cloudy/8 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.4	6.79	1719	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/9/23

LEAK DETECTOR FIELD LOG

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

Page#

Sample Location: 1D-1
Sampling Program: TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evaluation:

Date: 1/9/23
Start Time: 16:10
End Time: 16:35
Purge Rate: 8 ppm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present:

D. Cain

Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 39°/Cloudy/8 mph E

Sampling

Date: 1/9/23
Time Sampled: 16:35
Sample Appearance: Clear
No odor

Personnel Present:

D. Cain

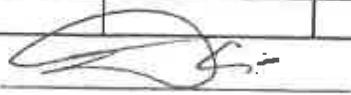
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 39°/Cloudy/8 mph E

Comments: Purge and Sample water effluent cont

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.4</u>	<u>6.77</u>	<u>1630</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/9/23

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-22A
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/9/23
Start Time: 10:56
End Time: 10:18
Purge Rate: 1L/min ppm
Volume Purged: 200 ml
Purged Dry: Yes No
Casing: - inlay - SS - PVC

Personnel Present: D.C.N
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 33°/Cloudy/10 mph E

Sampling

Date: 1/9/23
Time Sampled: 10:18
Sample Appearance: Clear
No odor

Personnel Present: D.C.N
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 33°/Cloudy/10 mph E

Comments: Purge + Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.6</u>	<u>6.85</u>	<u>2120</u>	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/9/23

CECOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# ____

Sample Location: U-21 A
Sampling Program: TSCA
Lab #: ____
Lab #: ____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fiwing Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/9/23
Start Time: 10:31
End Time: 10:46
Purge Rate: 14.67 mm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: inch / SS PVC

Personnel Present: D. C. in
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 33°/cloudy/10 mph E

Sampling

Date: 1/9/23
Time Sampled: 10:46
Sample Appearance: Clear
No odor

Personnel Present: D. C. in
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 33°/cloudy/10 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.8</u>	<u>7.30</u>	<u>1080</u>	

Container Number	Size ml	Type pl/vl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: D. C.

Date: 1/9/23

CBCOS International, Inc.
5092 Aber Road
Williamsburg, OH 45176
(513) 724-6114

UNDERDRAIN FIELD LOG

Page# --

Sample Location: U-21

Sampling Program:

TSCA

Lab # --

Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Sndng/Pchwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailear Other: _____

Evacuation:

Date: 11/9/23
Start Time: 11:39
End Time: 11:51
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: — inch/ SS — PVC

Personnel Present: D.C. in
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 34° / cloudy / 10 mph E

Sampling

Date: 11/9/23
Time Sampled: 11:51
Sample Appearance: Clear
no odor

Personnel Present: D.C. in
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 34° / cloudy / 10 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.8</u>	<u>7.28</u>	<u>1028</u>	

Container Number	Size ml	Type pV/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl: Cool	8260C VOCs
—	3x40	glass vial	HCl: Cool	8011 VOCs
—	2x40	glass vial	HCl: Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 11/9/23

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-22
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Flyng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/19/23
Start Time: 12:05
End Time: 12:18
Purge Rate: 15.38 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: — inch/ — SS — PVC

Personnel Present: D. Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 34°/Cloudy/9 mph E

Sampling

Date: 1/19/23
Time Sampled: 12:18
Sample Appearance: Clear
no odor

Personnel Present: D. Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 34°/Cloudy/9 mph E

Comments: Purge and sample water fluorescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.1</u>	<u>6.91</u>	<u>2130</u>	

Container Number	Size ml	Type mL/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 1/19/23

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UNDERDRAIN FIELD LOG

Page# 1

Sample Location: U-23

Sampling Program: TSCA

Lab #: --

Lab #: --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Standng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 1/9/23
Start Time: 13:04
End Time: 13:21
Purge Rate: 11.7G gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: inchi SS PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - gal.

Weather Conditions: 35°C/Cloudy/9 mph E

Sampling

Date: 1/9/23
Time Sampled: 13:21
Sample Appearance: Clear
no odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 35°C/Cloudy/9 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.6</u>	<u>7.11</u>	<u>890</u>	<u>2</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/9/23

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UNDERDRAIN FIELD LOG

Page#

Sample Location: V-24
Sampling Program:
TSCA
Lab #
Lab #

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Flwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input type="checkbox"/> Other:	

Evacuation:

Date: 11.9.13
Start Time: 13:32
End Time: 13:51
Purge Rate: 10.53 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: — inch/ SS — PVC

Personnel Present: DCin
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 36°/cloudy/9 mph E

Sampling

Date: 11.9.13
Time Sampled: 13:51
Sample Appearance: clear
no odor

Personnel Present: DCin
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 36°/cloudy/9 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>6.68</u>	<u>1720</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>S260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>S011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Signature: 

Date: 11.9.13

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: V-14
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipes Leak Detector
 Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/10/23
Start Time: 09:20
End Time: 09:35
Purge Rate: 13.33 ppm
Volume Purged: 200 gal
Purged Dry: Yes/NO
Casing: steel - SS - PVC

Personnel Present: D.C.m
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 34°/cloudy/8 mph N

Sampling

Date: 1/10/23
Time Sampled: 09:35
Sample Appearance: clear
no odor

Personnel Present: D.C.m
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____
Diss O₂: _____

Weather Conditions: 34°/cloudy/8 mph N

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>7.19</u>	<u>895</u>	

Container Number	Size ml	Type pl/gel	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/23

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UNDERDRAIN FIELD LOG

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Page # 1

Sample Location: U-19
Sampling Program:
TSCA
Lab # -
Lab # -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Walking Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/10/23
Start Time: 10:21
End Time: 10:34
Purge Rate: 15.38 atm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: - inch / - SS - PVC

Personnel Present: D.L.:n
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 35°/Cloudy/8 mph N

Sampling

Date: 1/10/23
Time Sampled: 10:34
Sample Appearance: Clear
No odor

Personnel Present: D.L.:n
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 35°/Cloudy/8 mph N

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.8</u>	<u>7.24</u>	<u>1289</u>	

Container Number	Size ml	Type p/g	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x50</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/10/23

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UNDERDRAIN FIELD LOG

Page# 1

Sample Location: V-20
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 11/10/23
Start Time: 10:45
End Time: 10:57
Purge Rate: 16.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: - inch SS PVC

Personnel Present: D.C.in
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal
Level After Purge: -- ft.

Weather Conditions: 35°/cloudy/7 mph N

Sampling

Date: 11/10/23
Time Sampled: 10:57
Sample Appearance: Clear
No odor

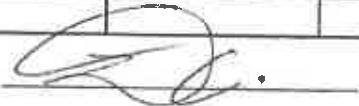
Personnel Present: D.C.in
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 35°/cloudy/7 mph N

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>4.0</u>	<u>7.27</u>	<u>1606</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 11/10/23

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UNDERDRAIN FIELD LOG

Page#

Sample Location: U-11
Sampling Program: TSCA
Lab #
Lab #

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 1/10/23
 Start Time: 11:50
 End Time: 12:04
 Purge Rate: 14.29 min
 Volume Purged: 200 gal
 Purged Dry: Yes/No
 Casing: inch/ ss PVC

Personnel Present: D.Cain
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: ft.

Weather Conditions: 41°/Cloudy/Strong w.

Sampling

Date: 1/10/23
 Time Sampled: 12:04
 Sample Appearance: Clear
no odor

Personnel Present: D.Cain
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #:
 Diss O₂:

Weather Conditions: 41°/Cloudy/Strong w.

Comments: Purge and Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.1	6.92	1099	

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/23

UNDERDRAIN FIELD LOG

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Page# —

Sample Location: U-12
Sampling Program: TSCA
Lab # —
Lab # —

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/10/23
Start Time: 12:24
End Time: 12:38
Purge Rate: 14.29 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch SS PVC

Personnel Present: D.C.in
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 42°/Cloudy/8 mph N

Sampling

Date: 1/10/23
Time Sampled: 12:38
Sample Appearance: Clear
no odor

Personnel Present: D.C.in
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 42°/Cloudy/8 mph N

Comments: Purge and Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
—	—	—	—
—	—	—	—
—	—	—	—
14.1	6.93	1095	—

Container Number	Size ml	Type pl/pl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/23

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UNDERDRAIN FIELD LOG

Page# _____

Dup TSCA /

TSCA

Lab # _____

Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Floating Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 11/10/23
Start Time: 11:50
End Time: 12:04
Purge Rate: 14.29 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: - inch - SS - PVC

Personnel Present:

D. Lain

Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 61°/Cloudy/8 mph N

Sampling

Date: 11/10/23
Time Sampled: 12:04
Sample Appearance: Clear
no odor

Personnel Present:

D. Lain

Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 41°/Cloudy/8 mph N

Comments:

Purge and Sample water effervescent
(collected at U-11)

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.1	6.91	1103	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 11/10/23

UNDERDRAIN FIELD LOG

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Page # 12-26

Sample Location: 12-26
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Beller Other: _____

Evacuation:

Date: 11/9/23
Start Time: 15:21
End Time: 15:39
Purge Rate: 11.1 gpm
Volume Purged: 200 ml
Purged Dry: Yes
Casing: - inch / SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 39°/Cloudy/ 9 mph E

Sampling

Date: 11/9/23
Time Sampled: 15:39
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: - Diss O₂: -

Weather Conditions: 39°/Cloudy/ 9 mph E

Comments: Purge and sample water effluent

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>4.3</u>	<u>6.81</u>	<u>1777</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>-</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>-</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>-</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 11/9/23

UNDERDRAIN FIELD LOG

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Page#

Sample Location: U-25
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: X Grab Composite Dipping Bottle Strndg/Fwng Water
Sample Equipment: Grundfos Pump X Electric Pump Venturi Pump
Bailer Other:

Evacuation:

Date: 1/10/23
Start Time: 08:35
End Time: 09:55
Purge Rate: 10 gpm
Volume Purged: 200 ml
Purged Dry: Yes
Casing: inch/ SS PVC

Personnel Present: D. Cain
Depth to Bottom: ft.
Depth to Water: ft.
Height of Water Column: ft.
Casing Volume: gal.
Level After Purge: ft.

Weather Conditions: 32°/Cloudy/6 mph N

Sampling

Date: 1/10/23
Time Sampled: 08:55
Sample Appearance: Clear
no odor

Personnel Present: D. Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 32°/Cloudy/6 mph N

Comments: Purge and Sample water effluent

Temperature (°C)	pH S.U.	Specific Conductance (µmhos/cm)	Turbidity (NTU)
14.7	6.70	1664	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/23

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UNDERDRAIN FIELD LOG

Page# --

Sample Location: U-17
Sampling Program: TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Standing/Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 11/10/23
Start Time: 17:15
End Time: 17:31
Purge Rate: 12.50 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch / - SS - PVC

Personnel Present: D. Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 47°/Cloudy/4 mph w

Sampling

Date: 11/10/23
Time Sampled: 17:31
Sample Appearance: Clear
no odor

Personnel Present: D. Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: -- Diss O₂: --

Weather Conditions: 47°/Cloudy/4 mph w

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.7</u>	<u>7.10</u>	<u>2800</u>	

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 11/10/23

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-4
Sampling Program: TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/11/23
Start Time: 08:40
End Time: 09:10
Purge Rate: 6.67 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present:

D.C.

Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: 37°C low / 5 mph E

Sampling

Date: 1/11/23
Time Sampled: 09:10
Sample Appearance: Clear
no odor

Personnel Present:

D.C.

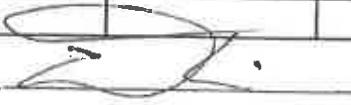
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 37°C low / 5 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.0	6.8L	1410	

Container Number	Size ml	Type pV/gl	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/11/23

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UNDERDRAIN FIELD LOG

Page # 17-3

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Stndng/Fwng Water
Sample Equipment:	<input checked="" type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Baler	<input type="checkbox"/> Other:	

Evacuation:

Date: 1/11/23
 Start Time: 09:25
 End Time: 10:00
 Purge Rate: 5.71 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes No
 Casing: — inch/ — SS — PVC

Personnel Present: D. Cain
 Depth to Bottom: — ft.
 Depth to Water: — ft.
 Height of Water Column: — ft.
 Casing Volume: — gal.
 Level After Purge: — ft.

Weather Conditions: 39°/Cloudy/4 mph E

Sampling

Date: 1/11/23
 Time Sampled: 10:00
 Sample Appearance: clear
no odor

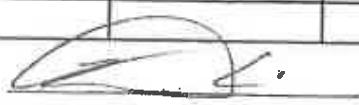
Personnel Present: D. Cain
 Depth to Water: — ft.
 Recharge Rate: — gal.
 Filter #: —
 Diss O₂: —

Weather Conditions: 39°/Cloudy/4 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>6.97</u>	<u>1060</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/11/23

UNDERDRAIN FIELD LOG

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Page#

D TSCA 3

TSCA

Lab #

Lab #

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Standing/Water Venturi Pump
Sample Equipment: Grundfos Pump Electric Pump Bailer Other:

Evacuation:

Date: 1/11/23
Start Time: 09:25
End Time: 10:00
Purge Rate: 5.71 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS - PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal
Level After Purge: -- ft.

Weather Conditions: 39°/Cloudy/4 mph E

Sampling

Date: 1/11/23
Time Sampled: 10:00
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal
Filter #: --
Diss O₂: --

Weather Conditions: 39°/Cloudy/4 mph E

Comments: Collected @ U-3

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.0</u>	<u>6.96</u>	<u>1063</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/11/23

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UNDERDRAIN FIELD LOG

Page# --

Sample Location: U-10
Sampling Program: TSCA
-
-
Lab # --
Lab # --

Sample Sources: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Bailer Other: _____

Evacuation:

Date: 1/10/23
Start Time: 14:20
End Time: 14:36
Purge Rate: 12.50 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: — inch/ — SS — PVC

Personnel Present: D.Cain
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal
Level After Purge: — ft.

Weather Conditions: 46°/Cloudy/4 mph N

Sampling

Date: 1/10/23
Time Sampled: 14:36
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 46°/Cloudy/4 mph N

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>14.3</u>	<u>7.31</u>	<u>1036</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/10/23

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UNDERDRAIN FIELD LOG

Page# -

Sample Location: Dup TSCA 2

TSCA

Lab # --

Lab # --

Sample Source:	<input type="checkbox"/> Monitoring Well	<input checked="" type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle	<input type="checkbox"/> Standing/Floating Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input checked="" type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump	<input type="checkbox"/> Other:
	<input type="checkbox"/> Bailer			

Evacuation:

Date: 1/10/23
 Start Time: 14 : 20
 End Time: 14 : 36
 Purge Rate: 12.50 gpm
 Volume Purged: 200 gal
 Purged Dry: Yes
 Casing: - inch/ - SS - PVC

Personnel Present: D-Cain
 Depth to Bottom: -- ft.
 Depth to Water: -- ft.
 Height of Water Column: -- ft.
 Casing Volume: -- gal.
 Level After Purge: -- ft.

Weather Conditions: 46°/Cloudy/4 mph NW

Sampling

Date: 1/10/23
 Time Sampled: 14 : 36
 Sample Appearance: Clear
 no odor

Personnel Present: D-Cain
 Depth to Water: -- ft.
 Recharge Rate: -- gal.
 Filter #: -- Diss O₂: --

Weather Conditions: 46°/Cloudy/4 mph NW

Comments:

Collected @ U-10

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.3	7.30	1037	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/23

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-13
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Sndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baller Other: _____

Evacuation:

Date: 11/10/23
Start Time: 14:54
End Time: 15:09
Purge Rate: 13.33 gpm
Volume Purged: 2000 ml
Purged Dry: Yes No
Casing: inch SS PVC

Personnel Present: D-Lin
Depth to Bottom: _____ ft.
Depth to Water: _____ ft.
Height of Water Column: _____ ft.
Casing Volume: _____ gal.
Level After Purge: _____ ft.

Weather Conditions: 46°/Cloudy/3 mph N

Sampling

Date: 11/10/23
Time Sampled: 15:09
Sample Appearance: clear
no odor

Personnel Present: D-Lin
Depth to Water: _____ ft.
Recharge Rate: _____ gal.
Filter #: _____ Diss O₂: _____

Weather Conditions: 46°/Cloudy/3 mph N

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
14.2	7.12	861	

Container Number	Size ml	Type v/g!	Preservation	Parameters/Comments
—	3x40	glass vial	HCl; Cool	8260C VOCs
—	3x40	glass vial	HCl; Cool	8011 VOCs
—	2x40	glass vial	HCl; Cool	TOC
—	2x250	amber glass	Cool	PCBs

Signature: 

Date: 11/10/23

UNDERDRAIN FIELD LOG

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Page# 1

Sample Location: U-16
Sampling Program: TSCA
Lab #: --
Lab #: --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Strndg/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 1/10/23
Start Time: 15:50
End Time: 16:05
Purge Rate: 13.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ SS PVC

Personnel Present: D.C. 4:1
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 47°F cloudy / 4 mph N

Sampling

Date: 1/10/23
Time Sampled: 16:05
Sample Appearance: Clear
no odor

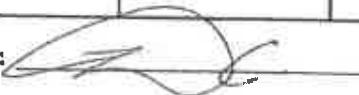
Personnel Present: D.C. 1
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 47°F cloudy / 4 mph N

Comments: Purge and Sample water effluent

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.9</u>	<u>6.80</u>	<u>2530</u>	

Container Number	Size ml	Type vial	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/10/23

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UNDERDRAIN FIELD LOG

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TSCA

Lab # -

Lab # -

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Standing/Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baler Other: _____

Evacuation:

Date: 1/10/23
Start Time: 16:15
End Time: 16:29
Purge Rate: 1.29 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: - inch/ - SS - PVC

Personnel Present: D.L.A.
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 47/Cloudy/4inch N

Sampling

Date: 1/10/23
Time Sampled: 16:29
Sample Appearance: clear
no odor

Personnel Present: D.L.A.
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 47/Cloudy/4inch N

Comments: Purge and Sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
14.1	6.95	1852	

Container Number	Size ml	Type pl/gsl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: S. A.

Date: 1/10/23

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UNDERDRAIN FIELD LOG

Page# -

Sample Location: U-15
Sampling Program:
TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other:

Evacuation:

Date: 11/10/23
Start Time: 16:51
End Time: 17:04
Purge Rate: 15.38 gpm
Volume Purged: 200 gal
Purged Dry: Yes
Casing: -- inch/ -- SS -- PVC

Personnel Present: D.C. S.
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 47°/Cloudy/High wv

Sampling

Date: 11/10/23
Time Sampled: 17:04
Sample Appearance: Clear
No odor

Personnel Present: D.C. S.
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 47°/Cloudy/High wv

Comments: Purge and sample water effervescent

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.7</u>	<u>6.94</u>	<u>2530</u>	

Container Number	Size ml	Type pVgt	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: Z.S.

Date: 11/10/23

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UNDERDRAIN FIELD LOG

Page #

Field Blank TSCA

TSCA

Lab #

Lab #

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipes	<input type="checkbox"/> Leak Detector
	<input checked="" type="checkbox"/> Underdrain	<input type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input type="checkbox"/> Dipping Bottle Standng/Flwng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Bailer	<input checked="" type="checkbox"/> Other: Lab Supplied DI	

Exacuation:

Date: 1/11/23
 Start Time: -
 End Time: -
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present:

Depth to Bottom: - ft.
 Depth to Water: - ft.
 Height of Water Column: - ft.
 Casing Volume: - gal.
 Level After Purge: - ft.

Weather Conditions:

Sampling

Date: 1/11/23
 Time Sampled: 12:20
 Sample Appearance: Clear
No odor

Personnel Present:
 Depth to Water: - ft.
 Recharge Rate: - gal.
 Filter #: -
 Diss O₂: -

D. Cain

Weather Conditions: 49°F Cloudy/9 mph NE

Comments:

Collected by pouring lab supplied DI water into sample containers in the on-site sample prep room.

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
18.9	7.84	145	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 1/11/23

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UNDERDRAIN FIELD LOG

Page# _____

Sample Location: U-5
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/11/13
Start Time: 10:25
End Time: 10:49
Purge Rate: 8.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes No
Casing: - inch/ - SS - PVC

Personnel Present: D.Cain
Depth to Bottom: - ft.
Depth to Water: - ft.
Height of Water Column: - ft.
Casing Volume: - gal.
Level After Purge: - ft.

Weather Conditions: 40/Cloudy/9 mph E

Sampling

Date: 1/11/13
Time Sampled: 10:49
Sample Appearance: clear
no odor

Personnel Present: D.Cain
Depth to Water: - ft.
Recharge Rate: - gal.
Filter #: -
Diss O₂: -

Weather Conditions: 40/Cloudy/9 mph E

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>13.9</u>	<u>6.86</u>	<u>1240</u>	

Container Number	Size ml	Type pl/gi	Preservation	Parameters/Comments
--	3x40	glass vial	HCl; Cool	8260C VOCs
--	3x40	glass vial	HCl; Cool	8011 VOCs
--	2x40	glass vial	HCl; Cool	TOC
--	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/11/13

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UNDERDRAIN FIELD LOG

Page# --
MS TSCA
MS TSCA DUP
TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipes Stream Pond Leak Detector Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venuri Pump
 Baller Other:

Evacuation:

Date: 1/11/23
Start Time: 10:25
End Time: 10:49
Purge Rate: 8.33 gpm
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: -- inch/ -- SS -- PVC

Personnel Present: D. Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal
Level After Purge: -- ft.

Weather Conditions: 40°/Cloudy/Partly IE

Sampling

Date: 1/11/23
Time Sampled: 10:49
Sample Appearance: Clear
No odor

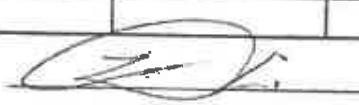
Personnel Present: D. Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: Hu/Cloudy/Partly IE

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>13.9</u>	<u>6.85</u>	<u>244</u>	

Container Number	Size ml	Type pl/vial	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/11/23

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UNDERDRAIN FIELD LOG

Page# 4

Sample Location:
Sampling Program:

U-6
TSCA
Lab # --
Lab # --

Sample Source: Monitoring Well Underdrain Leachate Standpipe Stream Leak Detector Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/11/23
Start Time: 11:15
End Time: 11:45
Purge Rate: 6.67 gpm.
Volume Purged: 200 gal
Purged Dry: Yes/No
Casing: -- inch/ SS - PVC

Personnel Present: D.Cain
Depth to Bottom: -- ft.
Depth to Water: -- ft.
Height of Water Column: -- ft.
Casing Volume: -- gal.
Level After Purge: -- ft.

Weather Conditions: 45% cloudy / 8 mph NE

Sampling

Date: 1/11/23
Time Sampled: 11:45
Sample Appearance: Clear
No odor

Personnel Present: D.Cain
Depth to Water: -- ft.
Recharge Rate: -- gal.
Filter #: --
Diss O₂: --

Weather Conditions: 45% cloudy / 8 mph NE

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (μmhos/cm)	Turbidity (NTU)
<u>14.8</u>	<u>6.89</u>	<u>1114</u>	

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>--</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>--</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>--</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: [Signature]

Date: 1/11/23

SURFACE WATER FIELD LOG

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Page# _____

C-6

Sample Location:
Sampling Program:

TSCA
Lab # _____
Lab # _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baileir Other: _____

Evacuation:

Date: / /
 Start Time: :
 End Time: / /
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No _____
 Casing: - inch / - SS / - PVC

Personnel Present:

Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal
 Level After Purge: ft.

Weather Conditions: _____

Sampling

Date: 1/11/23
 Time Sampled: 13:00
 Sample Appearance: NO odor
 yellow tint

Personnel Present: D.G.m
 Depth to Water: ft.
 Recharge Rate: gal
 Filter #: Diss O₂: _____

Weather Conditions: 50% cloudy / 8 mph N

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
4.3	7.70	456	21.0

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/11/23

SURFACE WATER FIELD LOG

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Page#

Sample Location: C-12

Sampling Program: TSCA

Lab #

Lab #

Sample Source:	<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Leachate Standpipe	<input type="checkbox"/> Leak Detector
	<input type="checkbox"/> Underdrain	<input checked="" type="checkbox"/> Stream	<input type="checkbox"/> Pond
			<input type="checkbox"/> Other

Sample Type:	<input checked="" type="checkbox"/> Grab	<input type="checkbox"/> Composite	<input checked="" type="checkbox"/> Dipping Bottle Stand/Flyng Water
Sample Equipment:	<input type="checkbox"/> Grundfos Pump	<input type="checkbox"/> Electric Pump	<input type="checkbox"/> Venturi Pump
	<input type="checkbox"/> Baller	<input type="checkbox"/> Other:	

Excavation:

Date: 1/11/23
 Start Time:
 End Time:
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch/ SS PVC

Personnel Present:
 Depth to Bottom: ft.
 Depth to Water: ft.
 Height of Water Column: ft.
 Casing Volume: gal.
 Level After Purge: gal.

Weather Conditions:

Sampling

Date: 1/11/23
 Time Sampled: 13:05
 Sample Appearance: Clear
No odor

Personnel Present: D Cain
 Depth to Water: ft.
 Recharge Rate: gal.
 Filter #:
 Diss O₂:

Weather Conditions: 50% cloudy / 7 mph E

Comments:

Temperature	pH	Specific Conductance	Turbidity
(°C)	S.U.	(umhos/cm)	(NTU)
<u>4.4</u>	<u>7.95</u>	<u>605</u>	<u>5.33</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u> </u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u> </u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u> </u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/11/23

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SURFACE WATER FIELD LOG

Page#

Sample Location: C-10
Sampling Program:
TSCA
Lab #:
Lab #:

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
Underdrain X Stream Pond Other

Sample Type: X Grab Composite X Dipping Bottle Sndng/Flwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
Baller Other:

Evacuation:

Date: / /
Start Time: :
End Time: :
Purge Rate: gpm
Volume Purged: gal
Purged Dry: Yes/No
Casing: inch/ SS PVC

Personnel Present:
Depth to Bottom:
Depth to Water:
Height of Water Column:
Casing Volume:
Level After Purge:

ft.
ft.
ft.
gal.
ft.

Weather Conditions:

Sampling

Date: 1/11/23
Time Sampled: 13 : 40
Sample Appearance: no odor
yellow tint

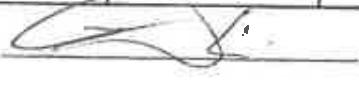
Personnel Present: D. Cain
Depth to Water: ft.
Recharge Rate: gal.
Filter #:
Diss O₂:

Weather Conditions: 50% low / 7 mph E

Comments:

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
4.2	7.72	427	22.4

Container Number	Size ml	Type pV/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: 

Date: 1/11/23

SURFACE WATER FIELD LOG

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Page # 2

Sample Location: C-2
Sampling Program:
TSCA
Lab # —
Lab # —

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Fwng Water
Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Bailer Other: _____

Evacuation:

Date: 1/11/23
Start Time: —
End Time: —
Purge Rate: — gpm
Volume Purged: — gal
Purged Dry: Yes/No
Casing: — inch/ — SS — PVC

Personnel Present:
Depth to Bottom: — ft.
Depth to Water: — ft.
Height of Water Column: — ft.
Casing Volume: — gal.
Level After Purge: — ft.

Weather Conditions: _____

Sampling

Date: 1/11/23
Time Sampled: 14:10
Sample Appearance: No odor
yellow tint

Personnel Present: 12. Com
Depth to Water: — ft.
Recharge Rate: — gal.
Filter #: —
Diss O₂: —

Weather Conditions: 50% cloudy / Temp E

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>4.5</u>	<u>7.77</u>	<u>424</u>	<u>23.9</u>

Container Number	Size ml	Type pl/gl	Preservation	Parameters/Comments
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8260C VOCs</u>
<u>—</u>	<u>3x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>8011 VOCs</u>
<u>—</u>	<u>2x40</u>	<u>glass vial</u>	<u>HCl; Cool</u>	<u>TOC</u>
<u>—</u>	<u>2x250</u>	<u>amber glass</u>	<u>Cool</u>	<u>PCBs</u>

Signature: 

Date: 1/11/23

1
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SURFACE WATER FIELD LOG

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Page# _____

Sample Location: C-9
Sampling Program: TSCA
Lab #: _____
Lab #: _____

Sample Source: Monitoring Well Leachate Standpipe Leak Detector
 Underdrain Stream Pond Other

Sample Type: Grab Composite Dipping Bottle Stndng/Flyng Water
 Sample Equipment: Grundfos Pump Electric Pump Venturi Pump
 Baileir Other: _____

Evaluation:

Date: 1/11/23
 Start Time: 14:40
 End Time:
 Purge Rate: gpm
 Volume Purged: gal
 Purged Dry: Yes/No
 Casing: inch SS PVC

Personnel Present: _____ ft.
 Depth to Bottom: _____ ft.
 Depth to Water: _____ ft.
 Height of Water Column: _____ ft.
 Casing Volume: _____ gal.
 Level After Purge: _____ ft.

Weather Conditions: _____

Sampling

Date: 1/11/23
 Time Sampled: 14:40
 Sample Appearance: no color
yellow + ink

Personnel Present: D.C.M.
 Depth to Water: _____ ft.
 Recharge Rate: _____ gal.
 Filter #: _____ Diss O₂: _____

Weather Conditions: 50% cloudy / 7 mph E

Comments: _____

Temperature (°C)	pH S.U.	Specific Conductance (umhos/cm)	Turbidity (NTU)
<u>4.7</u>	<u>7.83</u>	<u>401</u>	<u>25.1</u>

Container Number	Size ml	Type pl/g	Preservation	Parameters/Comments
-	3x40	glass vial	HCl; Cool	8260C VOCs
-	3x40	glass vial	HCl; Cool	8011 VOCs
-	2x40	glass vial	HCl; Cool	TOC
-	2x250	amber glass	Cool	PCBs

Signature: [Signature]

Date: 1/11/23